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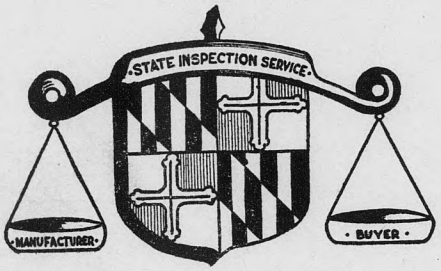
Commercial Fertilizers, Commercial Feeds

and

Agricultural Liming Materials



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INTRODUCTION

This bulletin is published for the purpose of furnishing residents of the State information concerning the composition of fertilizers to be marketed in 1938, together with this Department's reports on samples of commercial feeds, fertilizers, and limes sold during the fall season of 1937.

There were 347 brands of fertilizer listed with this Department prior to January 15, 1938, which will be found on the Maryland market this year. This information has been found valuable when used as a guide in selecting the brand best suited for individual crop and soil requirements. It also enables consumers to purchase more intelligently and to discriminate against those products which in their judgment may not effect the desired results. This publication does not include all products that will be sold, as manufacturers usually find it necessary to supplement their first estimate of demands with later registrations.

During the fall season, official representatives of this Department collected from dealers, warehouses, or in transit, 536 samples of commercial fertilizers. These samples represented 363 brands, registered by 67 manufacturers or jobbing firms, which were analyzed for the forms and amounts of plant food which they were guaranteed to contain. These samples were classified as follows: 337 complete fertilizers, 15 ground bone, 80 superphosphates, 83 superphosphates and potash, and 21 miscellaneous fertilizers.

There were 947 official samples of feeding stuffs secured from manufacturers or dealers throughout the State during the last six months of this year. These samples were analyzed chemically and microscopically in order to determine whether or not brand names, guarantees, and claimed composition were correct, and for the presence of materials classified as adulterants. 21 samples of cod liver oil were biologically assayed to ascertain whether manufacturers' claims for anti-rachtic properties were substantiated.

Sixty-eight samples of agricultural liming materials secured during the fall season were examined in order to establish the correctness of guarantees printed upon the sack or attached cards. Separate determinations were made for calcium oxide, magnesium oxide, carbon dioxide and acid insoluble materials. Screen tests also were made on all types of lime except lump lime, marl, and landplaster to determine the degree of fineness.

In addition to the analysis of official samples included in this report, 585 samples drawn and forwarded to this Department by purchasers were examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product this Organization can vouch only for the accuracy of the results obtained on the materials submitted.

FERTILIZER REGISTRATIONS

The following pages contain a detailed list of the different brands of fertilizers registered for 1938 sales, and the declared composition of each.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
The American Agricultural Chemical Co., Baltimore, Md.										
AA. Slingluff's 10% Top Dresser-Sulphate 10–5–2	9.00	1.00	5.00						2.00	
AA. Tobacco Plant Bed Fertilizer-Sulphate 8–5–2	7.20	.80	5.00						2.00	
AA. Tobacco Bed Fertilizer-Sulphate 6–6–8	5.40	.60	6.00						8.00	
AA. Trucker's Favorite 6–6–5	4.50	1.50	6.00				5.00			
Detrick's Gold Basis Fertilizer 6–6–5	3.60	2.40	6.00				5.00			
AA. Prince George Tobacco Fertilizer-Sulphate 4–8–12	3.20	.80	8.00						12.00	
AA. Red Leaf Tobacco Fertilizer-Sulphate 4–8–10	3.20	.80	8.00						10.00	
AA. Golden Leaf Tobacco Fertilizer-Sulphate 4–8–7	3.20	.80	8.00						7.00	
AA. Gladiator Fertilizer 4–8–7	3.20	.80	8.00				7.00			
AA. Early Trucker Fertilizer 4–8–5	3.20	.80	8.00				5.00			
AA. Calvert Tobacco Fertilizer-Sulphate 3–8–15	2.25	.75	8.00						15.00	
AA. Sweepstakes Fertilizer 3–8–10	2.25	.75	8.00				10.00			
AA. Climax Fertilizer 3–12–6	2.25	.75	12.00				6.00			
AA. Horse Shoe Fertilizer 2–12–6	1.50	.50	12.00				6.00			
AA. Farmers Friend Fertilizer 2–12–4	1.50	.50	12.00				4.00			
AA. Silk Leaf Tobacco Fertilizer-Sulphate 2–8–10	1.50	.50	8.00						10.00	
AA. Old Hickory Fertilizer 2–8–10	1.50	.50	8.00				10.00			
AA. Kangaroo Komplete Kompound 2–10–4	1.50	.50	10.00				4.00			
Listers Harvest Queen Fertilizer 2–9–5	1.50	.50	9.00				5.00			
AA. Red Dog Fertilizer 2–9–5	1.50	.50	9.00				5.00			
AA. Neptune Fish Brand Fertilizer 1–10–5	.75	.25	10.00				5.00			
Sulphate of Ammonia 20.50–0–0	20.50	0.00								
Pulverized Sheep & Goat Manure 1.25–T.P.A. 1–2										
Pure Raw Bone 3.70–T.P.A. 20–0	0.00	3.70				20.00*				
Fine Ground Bone 2.47–T.P.A. 23–0	0.00	2.47				23.00*				
AA. XXX Mixture 0–10–10			10.00				10.00			
AA. Victory Mixture 0–12–5			12.00				5.00			
AA. Superphosphate 0–20–0			16.00			4.00†				
AA. Superphosphate 0–16–0			16.00							
AA. Basic Lime Phosphate 0–16–0			16.00						48.00	
Sulphate of Potash 0–0–48										
Muriate of Potash 0–0–50							50.00			
Kainit 0–0–20								20.00		
American Cyanamid Co., New York, N. Y.										

AA. Basic Lime Phosphate 0–16–0			16.00						48.00	
Sulphate of Potash 0–0–48										
Muriate of Potash 0–0–50							50.00			
Kainit 0–0–20								20.00		
American Cyanamid Co., New York, N. Y.										
21% "Aero" Cyanamid Granular 21–0–0	0.00	21.00								
"Ammo-Phos" 11–48–0	11.00	0.00				48.00‡				
Armour Fertilizer Works, Baltimore, Md.										
Armour's Special Top Dresser 10–6–4	9.00	1.00	6.00				4.00			
Armour's Special Top Dresser 10–5–2	9.00	1.00	5.00						2.00	
Armour's Special Top Dresser 8–5–2	7.20	.80	5.00						2.00	
Armour's Special Top Dresser 6–6–8	5.40	.60	6.00						8.00	
Armour's Big Crop Fertilizer 6–6–5	3.60	2.40	6.00				5.00			
Armour's Big Crop Fertilizer 5–8–12	3.75	1.25	8.00				12.00			
Armour's Big Crop Fertilizer 4–12–10	3.20	.80	12.00				10.00			
Armour's Big Crop Fertilizer 4–16–4	3.60	.40	16.00				4.00			
Armour's Special Tobacco Grower 4–8–12	2.80	1.20	8.00						12.00	
Armour's Special Tobacco Grower 4–8–10	2.80	1.20	8.00						10.00	
Armour's Big Crop Fertilizer 4–12–4	3.00	1.00	12.00				4.00			
Armour's Big Crop Fertilizer 4–10–6	3.00	1.00	10.00				6.00			
Armour's Big Crop Fertilizer 4–8–8	2.80	1.20	8.00				8.00			
Armour's Big Crop Fertilizer 4–8–7	2.80	1.20	8.00				7.00			
Armour's Special Tobacco Grower 4–8–7	2.80	1.20	8.00						7.00	
Armour's Big Crop Fertilizer 4–8–5	2.80	1.20	8.00				5.00			
Armour's Super Fish Mixture 3–12–6	1.80	1.20	12.00				6.00			
Armour's Big Crop Fertilizer 3–12–6	2.10	.90	12.00				6.00			
Armour's Big Crop Fertilizer 3–8–10	2.10	.90	8.00				10.00			
Armour's Special Tobacco Grower 2–12–8	1.40	.60	12.00						8.00	
Armour's Big Crop Fertilizer 2–12–6	1.40	.60	12.00						6.00	
Armour's Special Tobacco Grower 2–8–10	1.40	.60	8.00						10.00	
Armour's Big Crop Fertilizer 2–8–10	1.40	.60	8.00				10.00			
Armour's Big Crop Fertilizer 2–12–4	1.40	.60	12.00				4.00			
Armour's Big Crop Fertilizer 2–9–5	1.40	.60	9.00				5.00			
Armour's Sheep & Goat Manure 1.25 T. P. A. 1–2										
Armour's Sulphate of Ammonia 20.50–0–0	20.50	0.00								
Armour's Raw Bone Meal 3.70–T.P.A. 20.50–0	0.00	3.70				20.50*				
Armour's Bone Meal 2.47–T.P.A. 23.–0	0.00	2.47				23.00*				
Armour's Big Crop Fertilizer 0–14–6			14.00				6.00			
Armour's Big Crop Fertilizer 0–10–10			10.00				10.00			
Armour's Big Crop Superphosphate 0–20–0			20.00							
Armour's Big Crop Superphosphate 0–16–0			16.00							
Armour's Big Crop Lime Phosphate 0–16–0			16.00							

* Total Phosphoric Acid. † Triple Superphosphate. ‡ Orthophosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Armour's Muriate of Potash 0–0–50							50.00			
Armour's Kainit 0–0–20								20.00		
Baltimore Fertilizer Co., Baltimore, Md.										
Honest Tobacco Bed Guano 8–5–2	7.25	.75	5.00						2.00	
Honest 4–8–5	3.40	.60	8.00							5.00
Honest 2–9–5	1.40	.60	9.00							5.00
The Barrett Co., New York, N. Y.										
Arcadian Sulphate of Ammonia 20.56–0–0	20.56	0.00								
Sulphate of Ammonia 20.56–0–0	20.56	0.00								
Arcadian the American Nitrate of Soda 16–0–0	16.00	0.00								
The Baugh & Sons Co., Baltimore, Md.										
Baugh's Top Dresser 10–6–4	8.00	2.00	5.00	1.00			4.00			
Baugh's Plant Bed Fertilizer 10–5–2	9.00	1.00	5.00						2.00	
Baugh's Plant Bed Fertilizer 8–5–2	6.80	1.20	5.00						2.00	
Baugh's Plant Bed Fertilizer 6–6–8	5.10	.90	6.00						8.00	
Baugh's Original Potato Guano 6–6–5	3.60	2.40	6.00				5.00			
Baugh's Double Power Fertilizer 4–16–4	4.00	0.00	16.00				4.00			
Baugh's Balanced Plant Food 4–12–4	3.10	.90	12.00				4.00			
Baugh's Approved Truck Grower 4–8–8	3.00	1.00	8.00				8.00			
Baugh's Half Century Perfection Brand 4–8–7	3.10	.90	8.00				7.00			
Baugh's Peruvian Guano Substitute 4–8–5	3.10	.90	8.00				5.00			
Baugh's High Grade Fish Brand 3–12–6	1.40	1.60	11.60		.40		6.00			
Baugh's Three Quarter Century Perfection Brand 3–12–6	2.10	.90	12.00				6.00			
Baugh's Double Eagle Phosphate 2–12–6	1.20	.80	12.00				6.00			
Baugh's Commercial Crop Compound 2–8–10	1.40	.60	8.00				10.00			
Baugh's Corn & Oats Fertilizer 2–12–4	1.20	.80	12.00				4.00			
Baugh's Half & Half Mixture with Potash 2–9–5	0.00	2.00	4.00			5.00	5.00			
Baugh's Complete Animal Base Fertilizer 2–9–5	1.40	.60	9.00				5.00			
Baugh's Special Potato Manure 2–9–5	1.40	.60	9.00				5.00			
Sulphate of Ammonia 20.57–0–0	20.57	0.00								
Baugh's High Grade Animal Tankage 6–T.P.A. 8–0	0.00	6.00				8.00*				
Baugh's Raw Bone Meal, Warranted Pure 3.70–T.P.A. 20.50–0	0.00	3.70				20.50*				

Baugh's Half & Half Mixture with Potash 2–9–5	1.40	.60	9.00				5.00				
Baugh's Complete Animal Base Fertilizer 2–9–5											
Baugh's Special Potato Manure 2–9–5	1.40	.60	9.00				5.00				
Sulphate of Ammonia 20.57–0–0	20.57	0.00									
Baugh's High Grade Animal Tankage 6–T.P.A. 8–0	0.00	6.00				8.00*					
Baugh's Raw Bone Meal, Warranted Pure 3.70–T.P.A. 20.50–0	0.00	3.70				20.50*					
Baugh's Pure Steamed Bone Meal 2.47–T.P.A. 23–0	0.00	2.47				23.00*					
Baughphos, The Ideal Superphosphate 0–20–0			20.00								
Baughphos, The Ideal Superphosphate 0–16–0			16.00								
Baugh's Lime & Phosphate 0–16–0			16.00								
Baugh's Phosphate & Potash 0–14–6			14.00				6.00				
Baugh's Phosphate & Potash 0–10–10			10.00				10.00				
Muriate of Potash 0–0–50							50.00				
F. W. Bolgiano & Co., Inc., Washington, D. C.											
Gold Tag 8–5–2	7.20	.80	5.00						2.00		
Gold Tag 6–6–5	3.60	2.40	6.00				5.00				
Gold Tag 4–8–12	3.00	1.00	8.00						12.00		
Gold Tag 4–8–5	3.00	1.00	8.00				5.00				
Gold Tag 2–12–6	1.50	.50	12.00				6.00				
Gold Tag 2–12–4	1.50	.50	12.00				4.00				
Gold Tag 2–9–5	1.50	.50	9.00				5.00				
Gold Tag 2–8–10	1.50	.50	8.00				10.00				
Gold Tag Sulphate of Ammonia 20–0–0	20.00	0.00									
Gold Tag Raw Bone Meal 3.70–T.P.A. 20.50–0	0.00	3.70				20.50*					
Gold Tag Steamed Bone Meal 2.47–T.P.A. 23.–0	0.00	2.47				23.00*					
Gold Tag Superphosphate 0–16–0			16.00								
Herbert Bryant, Inc., Alexandria, Va.											
6–6–5	4.80	1.20	6.00				3.00				2.00
Colonial Fertilizer for Lawns 5–10–5	3.00	2.00	10.00				5.00				
5–8–5	3.75	1.25	8.00				2.50	2.50			
4–8–7	3.00	1.00	8.00				4.00				3.00
4–8–5	3.00	1.00	8.00				3.00				2.00
Pure Fish Brand Compound 3–10–5	.30	2.70	10.00				5.00				
3–10–5	1.80	1.20	10.00				5.00				
3–8–5	1.80	1.20	8.00				2.50	2.50			
2–12–6	1.00	1.00	12.00				3.00				3.00
Chesapeake Fish Brand 2–12–6	.20	1.80	12.00				3.00				3.00
2–12–4	1.00	1.00	12.00				2.00				2.00
2–8–10	1.00	1.00	8.00				10.00				
2–9–5	1.00	1.00	9.00				2.00				3.00
2–8–5	1.00	1.00	8.00				2.00				3.00
2–9–3	1.00	1.00	9.00								3.00

* Total Phosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
2–9–2	1.00	1.00	9.00					2.00		
1–10–5	.50	.50	10.00				5.00			
Pulverized Sheep Manure 1.85–T.P.A. 1–2										
Sulphate of Ammonia 20.56–0–0	20.56	0.00								
Pure Animal Bone Meal 3.70–T.P.A. 21.50–0	0.00	3.70				21.50*				
Steamed Bone Meal 2.47–T.P.A. 22.88–0	0.00	2.47				22.88*				
0–12–5			12.00				3.00			2.00
Phosphate & Tobacco 0–16–0			16.00							
High Grade Superphosphate 0–20–0			20.00							
High Grade Superphosphate 0–16–0			16.00							
Economy Lime Compound 0–16–0			16.00							
Chilean Nitrate Sales Corp., New York, N. Y.										
Champion Brand Chilean Nitrate of Soda 16–0–0	16.00	0.00								
Old Style Chilean Nitrate of Soda 16–0–0	16.00	0.00								
Chilean Nitrate of Soda Containing Potash 14–0–14	14.00	0.00								
Cooperative Southern States Services, Inc., Baltimore, Md.										
Open Formula Fruit Tree Special 10–6–4 Quality Fertilizer	8.00	2.00	6.00				4.00			
The Davison Chemical Corp., Baltimore, Md.										
Davco Granulated Pomo Food 10–6–4	9.65	.35	6.00				4.00			
Davco Granulated Fertilizer 6–6–5	5.79	.21	6.00				5.00			
Davco Granulated Fertilizer 4–8–8	3.86	.14	8.00				8.00			
Davco Granulated Fertilizer 3–12–6	2.90	.10	12.00				6.00			
Davco Granulated Fertilizer 2–12–6	2.00	0.00	12.00				6.00			
Davco Granulated Fertilizer 2–8–10	2.00	0.00	8.00				10.00			
Davco Granulated Fertilizer 0–10–10			10.00				10.00			
Davco Granulated Superphosphate 0–20–0			20.00							
Devilbliss Brothers, New Windsor, Md.										
4–8–7	3.50	.50	8.00				5.00			2.00
2–12–6	1.80	.20	12.00				6.00			

Davco Granulated Fertilizer 0–16–16										
Davco Granulated Superphosphate 0–20–0			20.00							
Devilbliss Brothers, New Windsor, Md.										
4–8–7	3.50	.50	8.00				5.00			2.00
2–12–6	1.80	.20	12.00				6.00			
Butcher House 2–9–5	1.60	.40	9.00				2.00			3.00
Wheat Grower 1–10–5	.80	.20	10.00				2.00			3.00
Super Phosphate 0–18–0			18.00							
Edelen Brothers, Baltimore, Md.										
Edelen's 10% Tobacco Bed Mixture 10–5–2	8.50	1.50	5.00						2.00	
The Eichman Co., Union Bridge, Md.										
Eichman's Soil-Saver 2–9–5	1.80	.20	9.00							5.00
Egypt Poultry Farm, Owings Mills, Md.										
Egyptian Grower 2.70–T.P.A. 1.60–1.28										
Farmers Cooperative Association, Inc., Frederick, Md.										
Spring Special 4–8–8	3.20	.80	8.00				8.00			
Sure Crop 2–12–6	1.60	.40	12.00				6.00			
Wheat & Grass Special 2–9–5	1.60	.40	9.00							5.00
Rock & Potash Special 0–12–5			12.00							5.00
Superphosphate 0–16–0			16.00							
The Farmers & Planters Co., Salisbury, Md.										
F. & P. Brand 6–6–5 (Special High Grade)	4.80	1.20	6.00				5.00			
F. & P. Brand 5–8–12 (Early Truck)	4.00	1.00	8.00				12.00			
F. & P. Brand 4–8–10 (Tomato Special)	3.20	.80	8.00				10.00			
F. & P. Brand 4–8–5 (Early Vegetable)	3.20	.80	8.00				5.00			
F. & P. Brand 3–8–10 (Sweet Potato Special)	2.40	.60	8.00				10.00			
F. & P. Brand 2–8–10 (XX Potash Mixture)	1.60	.40	8.00				10.00			
F. & P. Brand 2–9–5 (Fish Brand Mixture)	1.60	.40	9.00				5.00			
F. & P. Brand 0–12–5 (Special Potash Mixture)			12.00				5.00			
F. & P. Brand 0–16–0 (Superphosphate)			16.00							
A. H. Hoffman, Inc., Landisville, Pa.										
Hoffman's Plant Food 5–8–6	3.50	1.50	8.00						6.00	
Hoffman's Bone Meal 3.70–T.P.A. 20.–0	0.00	3.70				20.00*				
Hoffman's Cow Manure (Dehydrated) 2–T.P.A. 2–2										
Hoffman's Sheep Manure (Kiln-Dried) 1.85–T.P.A. 1–2										

* Total Phosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Huston, Culver & Co., Inc., Seaford, Del.										
Huston, Culver & Co.'s 6% 6–6–5	5.00	1.00	6.00				5.00			
Truck Guano 5–8–12	4.00	1.00	8.00				12.00			
Tomato Special 4–8–10	3.00	1.00	8.00				10.00			
Huston, Culver & Co.'s Special 4–8–7	3.00	1.00	8.00				7.00			
Trucker 4–8–5	3.00	1.00	8.00				5.00			
Sweet Potatoe Mixture 3–8–10	2.00	1.00	8.00				10.00			
Crop Grower 2–9–5	1.50	.50	9.00				5.00			
Sussex Special 2–8–10	1.50	.50	8.00				10.00			
Huston's Special 1–10–5	.50	.50	10.00				5.00			
Wheat Special 0–10–10			10.00				10.00			
Double Potash Mixture 0–12–5			12.00				2.50	2.50		
Rock & Kainit 0–8–8			8.00					8.00		
Superphosphate 0–16–0			16.00							
The Maryland Milling & Supply Co., Sykesville, Md.										
M. M. & S. Co. Potato Guano 6–6–5	5.50	.50	6.00				5.00			
Forthman's Special 5–10–5	4.75	.25	10.00							5.00
M. M. & S. Co. Tomato-Corn 4–8–7	3.75	.25	8.00				7.00			
Gambrill's Wheat-Grass Grower 2–12–6	1.75	.25	12.00							6.00
General Crop 2–12–4	1.75	.25	12.00							4.00
Newman's Favorite 2–9–5	1.50	.50	9.00				1.00			4.00
Dietrich's Favorite 1–10–5	.75	.25	10.00							5.00
Phosphate-Potash 0–12–5			12.00							5.00
High Grade Superphosphate 0–16–0			16.00							
Medford Fertilizer Works, Medford, Md.										
4–8–7	3.00	1.00	8.00				7.00			
2–12–6	1.50	.50	12.00							6.00
2–9–5	1.50	.50	9.00							5.00
2–8–10	1.50	.50	8.00				10.00			
1–10–5	.75	.25	10.00							5.00
0–12–5			12.00							5.00
The Meyer Seed Co., Baltimore, Md.										
M-S Lawn & Plant Food 6–6–5	3.60	2.40	5.20		.80		5.00			
N. V. Potash Export My. Inc. of Amsterdam, Holland, Baltimore,										

1–10–5										5.00
0–12–5			12.00							
The Meyer Seed Co., Baltimore, Md.										
M-S Lawn & Plant Food 6–6–5	3.60	2.40	5.20		.80		5.00			
N. V. Potash Export My. Inc. of Amsterdam, Holland, Baltimore, Md.										
Muriate of Potash 0–0–50							50.00			
Sulphate of Potash 0–0–48									48.00	
North American Cement Corp., New York, N. Y.										
Security Potash-Lime 0–0–5									5.00	
The Peerless Fertilizer Co., Chestertown, Md.										
Trucker's Pride 6–6–5	4.75	1.25	6.00				5.00			
5–8–12	3.75	1.25	8.00				12.00			
Tomato Special 4–8–10	3.00	1.00	8.00				10.00			
4–8–8	3.00	1.00	8.00				8.00			
Melon Special 4–8–7	2.00	2.00	8.00				7.00			
Early Trucker 4–8–5	3.00	1.00	8.00				5.00			
Fish Brand Fertilizer 3–8–10	2.25	.75	8.00				10.00			
2–8–10	1.50	.50	8.00				10.00			
Our Peerless 2–9–5	1.75	.25	9.00				5.00			
Superphosphate 0–16–0			16.00							
Plantabbs Corp., Baltimore, Md.										
Fulton's Plantabbs 11–15–20	11.00	0.00				15.00†		20.00‡		
Warner W. Price, Smyrna, Del.										
Ralph's Mixture 3–8–8	2.00	1.00	7.68		.32		5.00	3.00		
Ralph's Improved Wheat Formula 2–12–6	1.25	.75	11.40	.60			6.00			
L. & P. 2–9–5	1.25	.75	8.75	.25			2.00	3.00		
0–10–10			10.00				5.00	5.00		
0–12–5			12.00				2.00	3.00		
Superphosphate 0–16–0			16.00							
The Pulverized Manure Co., Chicago, Ill.										
Wizard Brand Pulverized Sheep Manure 2–T.P.A. 1–2										
Wizard Brand Cow Manure 2–T.P.A. 1–1										
Read Drug & Chemical Co., Baltimore, Md.										
Plantgro 4–12–4	4.00	0.00	12.00				4.00			
Raw Bone Meal 3.70–T.P.A. 21.50–0	0.00	3.70				21.50*				

* Total Phosphoric Acid. † From Ammonium Phosphate. ‡ From Potassium Nitrate.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
F. S. Royster Guano Co., Baltimore, Md.										
Royster Fertilizer 10–6–4	9.50	.50	6.00				4.00			
Royster Tobacco Bed Fertilizer 8–5–2	6.40	1.60	5.00						2.00	
Royster Arrow Truck Guano 6–6–5	3.60	2.40	6.00				5.00			
Royster Dependable Truck Guano 5–10–5	4.00	1.00	10.00				5.00			
Royster Fertilizer 5–8–12	4.00	1.00	8.00				12.00			
Royster Fertilizer 4–4–20	2.40	1.60	4.00				20.00			
Royster General Crop Fertilizer 4–12–10	3.20	.80	12.00				10.00			
Royster Prize Guano 4–8–10	3.20	.80	8.00				10.00			
Royster Trojan Guano 4–12–4	3.20	.80	12.00				4.00			
Royster Trusty Guano 4–8–8	3.20	.80	8.00				8.00			
Royster Quality Trucker 4–8–7	3.20	.80	8.00				7.00			
Royster Invincible Tobacco Fertilizer 4–8–7	2.00	2.00	8.00						7.00	
Royster Yellow Leaf Tobacco Fertilizer 4–8–5	2.00	2.00	8.00						5.00	
Royster Special Trucker 4–8–5	3.20	.80	8.00				5.00			
Royster Fertilizer 3–3–15	1.80	1.20	3.00				15.00			
Royster Favorite Guano 3–8–10	2.40	.60	8.00				10.00			
Royster Curlew Guano 3–12–6	2.40	.60	12.00				6.00			
Royster Ideal Guano 3–8–8	2.40	.60	8.00				8.00			
Royster Master Grain Guano 2–12–6	1.60	.40	12.00				6.00			
Royster Banner Guano 2–8–10	1.60	.40	8.00				10.00			
Royster Gem Grain Guano 2–12–4	1.60	.40	12.00				4.00			
Royster Maryland Pride Tobacco Fertilizer 2–12–4	1.00	1.00	12.00						4.00	
Royster Big Bully Guano 2–9–5	1.60	.40	9.00				5.00			
Royster Surety Guano 1–10–5	.60	.40	10.00				5.00			
Royster Sulphate of Ammonia 20.56–0–0	20.56	0.00								
Royster Raw Bone Meal 3.70–T.P.A. 20.60–0	0.00	3.70				20.60*				
Royster Fine Ground Bone Meal 2.47–T.P.A. 22.90–0	0.00	2.47				22.90*				
Royster Phosphate & Potash 0–14–6			14.00				4.00	2.00†		
Royster Phosphate & Potash 0–10–10			10.00				6.67	3.33†		
Royster Phosphate & Potash 0–12–5			12.00				3.33	1.67†		
Royster Superphosphate 0–20–0			20.00							
Royster Superphosphate 0–16–0			16.00							
Royster Kainit 0–0–20								20.00		
Wm. C. Scarlett & Co., Baltimore, Md.										

Royster Phosphate & Potash 0-12-8										
Royster Superphosphate 0–20–0			20.00							
Royster Superphosphate 0–16–0			16.00							
Royster Kainit 0–0–20								20.00		
Wm. G. Scarlett & Co., Baltimore, Md.										
Scarlett's Greenway Brand Bone Meal 2.50–T.P.A. 24–0	0.00	2.50				24.00*				
Greenway Brand Domestic Sheep Manure 1.85–T.P.A. 1–1.75										
The Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.										
Esskay Plant Food 5–9–4	0.00	5.00		9.00			4.00			
Esskay Raw Bone Meal 3.50–T.P.A. 25–0	0.00	3.50				25.00*				
R. H. Slingluff Fertilizer Co., Baltimore, Md.										
Slingluff's 10% Tobacco Bed Mixture 10–5–2	8.50	1.50	5.00						2.00	
Slingluff's Tobacco Bed Mixture 8–5–2	6.80	1.20	5.00						2.00	
Smith-Douglass Co., Inc., Norfolk, Va.										
Smith Truck Guano 6–6–5	4.20	1.80	5.60	.20	.20		5.00			
Smith Fertilizer 5–8–12	3.50	1.50	7.80	.20			12.00			
Smith Fertilizer 4–8–10	2.80	1.20	7.80	.20			10.00			
Smith Fertilizer 4–8–5	2.80	1.20	7.80	.20			5.00			
Smith Fertilizer 3–8–10	1.80	1.20	7.80	.20			10.00			
Smith Fertilizer 2–8–10	1.20	.80	7.80	.20			10.00			
Soil Builders, Inc., Division of Colloidal Products of America, Inc., Orlando, Florida										
Mineral Colloids –22						4.00‡				
Southern States Cooperative, Inc., Richmond, Va.										
Southern States Cooperative Quality Tobacco Plant Bed Open Formula Fertilizer 10–5–2	9.00	1.00	5.00						2.00	
Southern States Cooperative Quality Tobacco Plant Bed Open Formula Fertilizer 8–5–2	7.20	.80	5.00						2.00	
Southern States Cooperative Quality Tobacco Plant Bed Open Formula Fertilizer 6–6–8	5.40	.60	6.00						8.00	
Southern States Cooperative Quality Open Formula Super 6–6–5	3.60	2.40	6.00				5.00			
Southern States Cooperative Quality Open Formula 5–8–5	3.00	2.00	8.00				5.00			
Southern States Cooperative Quality Open Formula 4–8–7	2.40	1.60	8.00				7.00			
Southern States Cooperative Quality Open Formula 4–8–5	2.40	1.60	8.00				5.00			
Southern States Cooperative Quality Open Formula 3–12–6	1.80	1.20	12.00				6.00			
Southern States Cooperative Quality Open Formula 3–8–10	1.80	1.20	8.00				10.00			
Southern States Cooperative Quality Open Formula 2–12–6	1.20	.80	12.00				6.00			
Southern States Cooperative Quality Open Formula 2–12–4	1.20	.80	12.00				4.00			

* Total Phosphoric Acid. † Carbonate of Potash. ‡ Available Phosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Southern States Cooperative Quality Open Formula 2–8–10	1.20	.80	8.00				10.00			5.00
Southern States Cooperative Quality Open Formula 2–9–5	1.20	.80	9.00							3.00
Southern States Cooperative Quality Open Formula 2–9–3	1.20	.80	9.00							4.00
Southern States Cooperative Quality Open Formula 2–8–4	1.20	.80	8.00							
Southern States Cooperative Sulphat of Ammonia 20.50–0–0	20.50	0.00								5.00
Southern States Cooperative Quality Open Formula 0–12–5			12.00							
Southern States Cooperative Quality Superphosphate 0–20–0			20.00							
Southern States Cooperative Quality Superphosphate 0–16–0			16.00							
Southern States Cooperative Quality Limed Superphosphate 0–16–0			16.00				50.00			
Southern States Cooperative Muriate of Potash 0–0–50										
Synthetic Nitrogen Products Corp., New York, N. Y.										
Nitrophoska 15–30–15	15.00	0.00				30.00†	15.00			
Urea 46–0–0	0.00	46.00								
Tennessee Corporation, Lockland, Ohio										
Loma 5–10–4	4.00	1.00	10.00				4.00			
Soil-Prep 4–2–2	0.00	4.00		2.00						2.00‡
Thomas & Co., Gaithersburg, Md.										
Pea Mixture 4–8–5	3.20	.80	8.00							5.00
Sure Crop 2–12–6	1.80	.20	12.00							6.00
Wheat & Grass Grower 2–9–5	1.80	.20	9.00							5.00
Harvest Queen 1–10–5	.80	.20	10.00				1.00			4.00
Rock & Potash 0–12–5			12.00							5.00
Superphosphate 0–16–0			16.00							
Thomas Supply Co., Adamstown, Md.										
Thomas 2–12–6	1.60	.40	12.00				6.00			
Thomas Wheat Special 2–9–5	1.60	.40	9.00				5.00			
Thomas Superphosphate 0–16–0			16.00							
F. W. Tunnell & Co., Inc., Philadelphia, Pa.										
Tunnell's Fertilizer 6–6–5	4.50	1.50	5.00	1.00			5.00			
Tunnell's Fertilizer 4–8–10	3.00	1.00	7.00	1.00			10.00			
Tunnell's Fertilizer 4–8–7	3.00	1.00	7.00	1.00			7.00			

Thomas Wheat Special 2–9–5										
Thomas Superphosphate 0–16–0			16.00							
F. W. Tunnell & Co., Inc., Philadelphia, Pa.										
Tunnell's Fertilizer 6–6–5	4.50	1.50	5.00	1.00			5.00			
Tunnell's Fertilizer 4–8–10	3.00	1.00	7.00	1.00			10.00			
Tunnell's Fertilizer 4–8–7	3.00	1.00	7.00	1.00			7.00			
Tunnell's 3–12–6	2.25	.75	11.00	1.00			6.00			
Tunnell's Fertilizer 3–8–10	2.25	.75	7.00	1.00			10.00			
Tunnell's Fertilizer 2–8–10	1.00	1.00	7.00	1.00			8.00			2.00
Tunnell's Fertilizer 2–9–5	1.00	1.00	8.00	1.00			4.00			1.00
Virginia-Carolina Chemical Corp., Baltimore, Md.										
V-C. 6% Truck Fertilizer 6–6–5	3.60	2.40	6.00				4.50	.50*		
V-C. Fertilizer 5–8–12	3.75	1.25	8.00				11.50	.50*		
V-C. Fertilizer 4–8–10	3.00	1.00	8.00					.50*	9.50	
V-C. Fertilizer 4–8–7	3.00	1.00	8.00				6.50	.50*		
V-C Fertilizer 4–8–5	3.00	1.00	8.00				4.50	.50*		
V-C. Fertilizer 3–8–10	2.25	.75	8.00				9.50	.50*		
V-C. Fertilizer 3–12–6	2.25	.75	12.00				5.50	.50*		
V-C. Fertilizer 2–12–6	1.50	.50	12.00				4.00	.50*		1.50
V-C. Fertilizer 2–8–10	1.50	.50	8.00				9.50	.50*		
V-C. Fertilizer 2–12–4	1.50	.50	12.00				2.00	.50*		1.50
V-C. Fish & Potash Mixture 2–9–5	1.50	.50	9.00					1.00*		4.00
V-C. Fertilizer 0–10–10			10.00				5.00	.50*		4.50
V-C. Superphosphate 0–20–0			20.00							
V-C. Superphosphate 0–16–0			16.00							
The Vita-Vim Co., Baltimore, Md.										
Vita-Vim 6–10–4	6.00	0.00	10.00						4.00	
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.										
Bovung 2–T.P.A. 2–2										
The Worcester Fertilizer Co., Snow Hill, Md.										
Worcester's Correct Plant Food Mixture 6–6–5	4.20	1.80	5.50		.50		5.00			
Worcester's Gilt Edge 6–6–5	3.60	2.40	5.25		.75		5.00			
Worcester's Correct Plant Food Mixture 4–8–10	2.80	1.20	7.70		.30		10.00			
Worcester's Correct Plant Food Mixture 4–8–7	2.80	1.20	7.75		.25		7.00			
Worcester's Correct Plant Food Mixture 4–8–5	2.80	1.20	7.75		.25		5.00			
Worcester's Correct Plant Food Mixture 3–8–10	2.10	.90	7.70		.30		10.00			
Worcester's Correct Plant Food Mixture 2–8–10	1.40	.60	8.00				10.00			
Superphosphate 0–16–0			16.00							

* Tobacco Stems. † Diammonium Phosphate. ‡ Pulverized Tobacco Stems.

FERTILIZER ANALYSES

A detailed table showing results obtained in the examination of fertilizers from July 1, 1937 to January 1, 1938, is given on pages — to —, inclusive.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
The Acme Guano Co., Baltimore, Md.													
Acme 3–12–6	Baltimore	3.00	**3.03**	2.40	**2.50**	.60	**.53**	**1.10**	12.00	**11.70**	6.00	**6.60**	164 A
Acme 3–8–10	Vienna	3.00	**3.07**	2.40	**2.53**	.60	**.54**	**.50**	8.00	**8.70**	10.00	**10.52**	29 A
‡Acme 2–12–5 Special	New Windsor	2.00	**2.18**	1.00	**1.26**	1.00	**.92**	**2.00**	12.00	**12.80**	5.00	**5.04**	111 B
‡Acme 2–12–5 Special	Bel Air	2.00	**2.20**	1.00	**1.39**	1.00	**.81**	**1.90**	12.00	**12.60**	5.00	**5.28**	88 A
Acme 2–12–4	Hurlock	2.00	**2.04**	1.60	**1.61**	.40	**.43**	**1.10**	12.00	**10.30**	4.00	**4.50**	49 A
Acme 2–9–5	Baltimore	2.00	**1.83**	1.60	**1.32**	.40	**.51**	**.80**	9.00	**9.80**	5.00	**4.66**	277 B
Acme 2–9–5	Hurlock	2.00	**2.04**	1.60	**1.63**	.40	**.41**	**.30**	9.00	**9.10**	5.00	**5.20**	63 B
Acme 2–9–5	Vienna	2.00	**2.19**	1.60	**1.70**	.40	**.49**	**.30**	9.00	**9.00**	5.00	**5.16**	102 A
Acme 2–9–5	New Windsor	2.00	**1.99**	1.60	**1.66**	.40	**.33**	**.40**	9.00	**8.70**	5.00	**5.24**	157 A
Acme 2–9–5	Reisterstown	2.00	**2.02**	1.60	**1.54**	.40	**.48**	**.60**	9.00	**9.00**	5.00	**5.12**	256 B
Acme 2–9–5	Baltimore	2.00	**1.97**	1.60	**1.47**	.40	**.50**	**.90**	9.00	**8.50**	5.00	**5.00**	390 B
Acme 2–9–5	Bel Air	2.00	**1.98**	1.60	**1.60**	.40	**.38**	**.30**	9.00	**8.70**	5.00	**5.04**	125 A
Acme 2–9–5	Hurlock	2.00	**2.15**	1.60	**1.67**	.40	**.48**	**.60**	8.00	**8.10**	10.00	**10.58**	201 B
Acme 2–8–10	Vienna	2.00	**2.12**	1.60	**1.60**	.40	**.52**	**.60**	8.00	**8.00**	10.00	**10.62**	162 B
Acme 2–8–10	Hurlock	1.00	**1.21**	.80	**.95**	.20	**.26**	**.90**	10.00	**10.50**	5.00	**5.12**	8 B
‡Acme 1–10–5	Woodsboro	1.00	**1.22**	.80	**.93**	.20	**.29**	**.50**	10.00	**10.00**	5.00	**4.48**	287 B
‡Acme 1–10–5	Vienna	.....	.....	.....	.....	.....	.....	**.60**	10.00	**9.70**	10.00	**10.24**	.....
Acme 0–10–10	Hurlock	.....	.....	.....	.....	.....	.....	**.60**	10.00	**10.10**	10.00	**10.00**	.....
‡Acme 0–10–10	Vienna	.....	.....	.....	.....	.....	.....	**1.10**	12.00	**11.70**	5.00	**5.70**	.....
Acme 0–12–5													
The American Agricultural Chemical Co., Baltimore, Md.													
AA. Trucker's Favorite 6–6–5	Baltimore	6.00	**6.00**	4.50	**3.89**	1.50	**2.11**	**.40**	6.00	**6.90**	5.00	**5.50**	140 A
Agrico for Truck 5–10–5	Baltimore	5.00	**4.72**	3.75	**3.69**	1.25	**1.03**	**.90**	10.00	**9.70**	5.00	**5.50**	169 A
AA. Gladiator Fertilizer 4–8–7	Baltimore	4.00	**4.11**	3.00	**3.06**	1.00	**1.05**	**.80**	8.00	**8.60**	7.00	**7.00**	125 A
AA. Climax Fertilizer 3–12–6	Baltimore	3.00	**2.89**	2.25	**2.15**	.75	**.74**	**1.40**	12.00	**11.60**	6.00	**6.52**	93 A
AA. Horse Shoe Fertilizer 2–12–6	Baltimore	2.00	**2.13**	1.50	**1.46**	.50	**.67**	**.90**	12.00	**12.30**	6.00	**6.25**	96 A
AA. Horse Shoe Fertilizer 2–12–6	Baltimore	2.00	**2.02**	1.50	**1.50**	.50	**.52**	**1.20**	12.00	**12.20**	6.00	**6.29**	101 A
Agrico for Wheat 2–12–6	Baltimore	2.00	**2.11**	1.50	**1.46**	.50	**.65**	**.70**	12.00	**12.50**	6.00	**6.40**	20 B
Agrico for Wheat 2–12–6	Baltimore	2.00	**2.01**	1.50	**1.54**	.50	**.47**	**1.00**	12.00	**12.20**	6.00	**6.44**	35 A
Agrico for Wheat 2–12–6	Baltimore	2.00	**2.06**	1.50	**1.40**	.50	**.66**	**1.10**	12.00	**12.00**	6.00	**6.52**	20 A
AA. Farmers Friend Fertilizer 2–12–4	Baltimore	2.00	**2.11**	1.50	**1.40**	.50	**.71**	**.90**	12.00	**12.10**	4.00	**4.34**	65 A
AA. Farmers Friend Fertilizer 2–12–4	Baltimore	2.00	**1.99**	1.50	**1.47**	.50	**.52**	**.90**	12.00	**12.00**	4.00	**4.19**	9 B

Agrico for Wheat 2–12–6	Baltimore	2.00	**2.06**	1.50	**1.40**	.50	**.66**	**1.10**	12.00	**12.00**	6.00	**6.52**	20 A
AA. Farmers Friend Fertilizer 2–12–4	Baltimore	2.00	**2.11**	1.50	**1.40**	.50	**.71**	**.90**	12.00	**12.10**	4.00	**4.34**	65 A
AA. Farmers Friend Fertilizer 2–12–4	Baltimore	2.00	**1.99**	1.50	**1.47**	.50	**.52**	**.90**	12.00	**12.00**	4.00	**4.19**	9 B
AA. Farmers Friend Fertilizer 2–12–4	Baltimore	2.00	**1.98**	1.50	**1.33**	.50	**.65**	**.70**	12.00	**12.40**	4.00	**4.30**	56 A
Agrico for Grain 2–12–4	Baltimore	2.00	**2.06**	1.50	**1.40**	.50	**.66**	**1.10**	12.00	**12.10**	4.00	**4.19**	40 A
Agrico for Grain 2–12–4	Baltimore	2.00	**1.99**	1.50	**1.38**	.50	**.61**	**.80**	12.00	**12.00**	4.00	**4.12**	9 A
Agrico for Grain 2–12–4	Baltimore	2.00	**2.04**	1.50	**1.43**	.50	**.61**	**1.20**	12.00	**12.50**	4.00	**4.19**	28 B
AA. Kangaroo Komplete Kompound 2–10–4	Baltimore	2.00	**1.98**	1.50	**1.35**	.50	**.63**	**1.10**	10.00	**10.10**	4.00	**4.22**	27 A
AA. Red Dog Fertilizer 2–9–5	Baltimore	2.00	**1.99**	1.50	**1.47**	.50	**.52**	**.90**	9.00	**9.10**	5.00	**5.04**	1 A
AA. Red Dog Fertilizer 2–9–5	Baltimore	2.00	**1.97**	1.50	**1.29**	.50	**.68**	**.90**	9.00	**9.10**	5.00	**5.04**	70 A
Listers Harvest Queen Fertilizer 2–9–5	Baltimore	2.00	**2.06**	1.50	**1.32**	.50	**.74**	**.80**	9.00	**9.20**	5.00	**5.04**	62 A
Listers Harvest Queen Fertilizer 2–9–5	Baltimore	2.00	**2.27**	1.50	**1.54**	.50	**.73**	**1.50**	9.00	**9.60**	5.00	**5.28**	38 A
AA. Old Hickory Fertilizer 2–8–10	Baltimore	2.00	**2.01**	1.50	**1.49**	.50	**.52**	**.90**	8.00	**8.20**	10.00	**10.40**	82 A
AA. Acme Fertilizer 1–10–5	Baltimore	1.00	**.98**	.75	**.72**	.25	**.26**	**1.00**	10.00	**10.60**	5.00	**5.35**	42 B
AA. Acme Fertilizer 1–10–5	Baltimore	1.00	**1.15**	.75	**.70**	.25	**.45**	**.70**	10.00	**10.20**	5.00	**5.12**	26 A
Pure Raw Bone 3.70-T. P. A. 20–0	Baltimore	3.70	**3.51**	.....	.....	.....	.....	.....	*20.00	***20.90**	.....	.....	.....
Fine Ground Bone 2.47-T. P. A. 23–0	Baltimore	2.47	**3.00**	.....	.....	.....	.....	.....	*23.00	***25.80**	.....	.....	.....
Pulverized Sheep and Goat Manure 1.25-T. P. A. 1–2	Baltimore	1.25	**1.56**	.....	.....	.....	.....	.....	*1.00	***1.60**	2.00	**3.26**	.....
AA. Victory Mixture 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**1.30**	12.00	**12.10**	5.00	**5.46**	.....
AA. Victory Mixture 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**1.00**	12.00	**12.00**	5.00	**5.44**	.....
Patapsco Apex Mixture 0–12–5	Georgetown	.....	.....	.....	.....	.....	.....	**.70**	12.00	**12.60**	5.00	**5.60**	.....
‡Patapsco Apex Mixture 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**1.10**	12.00	**12.30**	5.00	**5.45**	.....
AA. Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	20.00	**20.10**	.....	.....	.....
AA. Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.10**	20.00	**20.00**	.....	.....	.....
AA. Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.40**	16.00	**16.00**	.....	.....	.....
AA. Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.50**	16.00	**16.20**	.....	.....	.....
AA. Basic Lime Phosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.60**	16.00	**16.00**	.....	.....	.....
AA. Basic Lime Phosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.70**	16.00	**16.00**	.....	.....	.....
American Cyanamid Co., New York, N. Y.													
21% "Aero" Cyanamid Granular 21–0–0	Baltimore	21.00	**20.94**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Armour Fertilizer Works, Baltimore, Md.													
Armour's Big Crop Fertilizer 3–12–6	Baltimore	3.00	**2.98**	2.10	**2.09**	.90	**.89**	**.60**	12.00	**12.00**	6.00	**6.30**	58 A
Armour's Big Crop Fertilizer 3–12–6	Baltimore	3.00	**2.93**	2.10	**1.87**	.90	**1.06**	**.60**	12.00	**12.40**	6.00	**6.34**	47 A
Armour's Big Crop Fertilizer 3–12–6	Mt. Lake Park	3.00	**3.00**	2.10	**1.87**	.90	**1.13**	**.70**	12.00	**12.20**	6.00	**6.44**	22 A
Armour's Big Crop Fertilizer 3–8–10	Baltimore	3.00	**2.79**	2.10	**1.80**	.90	**.99**	**.50**	8.00	**8.30**	10.00	**10.40**	1 B
Armour's Big Crop Fertilizer 2–12–8	Baltimore	2.00	**1.99**	1.40	**1.09**	.60	**.90**	**.90**	12.00	**12.00**	8.00	**8.60**	61 A
Armour's Big Crop Fertilizer 2–12–6	Woodsboro	2.00	**2.01**	1.40	**1.07**	.60	**.94**	**.80**	12.00	**12.10**	6.00	**6.40**	50 A
Armour's Big Crop Fertilizer 2–12–6	Baltimore	2.00	**2.05**	1.40	**1.29**	.60	**.76**	**.50**	12.00	**12.30**	6.00	**6.44**	432 A
Armour's Big Crop Fertilizer 2–12–4	Baltimore	2.00	**2.06**	1.40	**1.10**	.60	**.96**	**.60**	12.00	**12.10**	4.00	**4.40**	16 A

* Total Phosphoric Acid.

‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Armour's Big Crop Fertilizer 2–12–4	Mt. Lake Park	2.00	**2.12**	1.40	**1.25**	.60	**.87**	**.50**	12.00	**12.10**	4.00	**4.38**	35 A
Armour's Big Crop Fertilizer 2–9–5	Baltimore	2.00	**2.02**	1.40	**1.20**	.60	**.82**	**.50**	9.00	**9.30**	5.00	**5.31**	31 A
Armour's Big Crop Fertilizer 2–9–5	Baltimore	2.00	**1.98**	1.40	**1.05**	.60	**.93**	**.40**	9.00	**9.50**	5.00	**5.38**	17 A
Armour's Big Crop Fertilizer 2–9–5	Baltimore	2.00	**2.13**	1.40	**1.51**	.60	**.62**	**.30**	9.00	**9.60**	5.00	**5.46**	10 B
Armour's Big Crop Fertilizer 2–8–10	Baltimore	2.00	**1.98**	1.40	**1.18**	.60	**.80**	**.50**	8.00	**8.40**	10.00	**10.40**	30 A
Armour's Big Crop Fertilizer 2–8–10	Baltimore	2.00	**1.92**	1.40	**1.24**	.60	**.68**	**.60**	8.00	**8.20**	10.00	**10.50**	39 B
Armour's Big Crop Fertilizer 2–8–10	Baltimore	2.00	**1.99**	1.40	**1.10**	.60	**.89**	**.10**	8.00	**8.50**	10.00	**10.32**	17 A
Armour's Big Crop Fertilizer 2–8–10	Baltimore	2.00	**2.02**	1.40	**1.25**	.60	**.77**	**.50**	8.00	**8.20**	10.00	**10.50**	11 A
Armour's Half and Half Mixture 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**.40**	10.00	**10.00**	10.00	**10.40**	.....
Armour's Big Crop Fertilizer 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**.80**	10.00	**9.70**	10.00	**10.24**	.....
Armour's Big Crop Fertilizer 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**.80**	10.00	**9.60**	10.00	**10.00**	.....
Armour's Big Crop Fertilizer 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**1.00**	10.00	**9.50**	10.00	**10.00**	.....
Armour's Big Crop Fertilizer 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.80**	12.00	**12.00**	5.00	**5.28**	.....
Armour's Big Crop Fertilizer 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.80**	12.00	**12.00**	5.00	**5.12**	.....
Armour's Big Crop Fertilizer 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	12.00	**11.70**	5.00	**5.04**	.....
Armour's Big Crop Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**.40**	20.00	**20.10**	.....	.....	.....
Armour's Big Crop Superphosphate 0–20–0	Mt. Lake Park	.....	.....	.....	.....	.....	.....	**.50**	20.00	**19.70**	.....	.....	.....
Armour's Big Crop Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.00**	16.00	**16.10**	.....	.....	.....
Armour's Big Crop Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.00**	16.00	**15.70**	.....	.....	.....
Armour's Big Crop Superphosphate 0–16–0	Mt. Lake Park	.....	.....	.....	.....	.....	.....	**.90**	16.00	**16.40**	.....	.....	.....
Armour's Kainit 0–0–20	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.00	**22.04**	.....
Armour's Kainit 0–0–20	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.00	**21.40**	.....
Associated Fertilizer Merchants, Inc., Baltimore, Md.													
3–12–6	Baltimore	3.00	**2.75**	2.55	**2.13**	.45	**.62**	**.90**	12.00	**12.50**	6.00	**6.30**	158 A
3–12–6	Baltimore	3.00	**2.82**	2.55	**1.92**	.45	**.90**	**1.30**	12.00	**12.20**	6.00	**6.40**	33 A
3–12–6	Baltimore	3.00	**3.20**	2.25	**1.97**	.75	**1.23**	**1.20**	12.00	**12.40**	6.00	**6.45**	63 A
2–12–6	Baltimore	2.00	**1.91**	1.50	**.98**	.50	**.93**	**1.00**	12.00	**12.10**	6.00	**6.38**	139 B
2–12–6	Baltimore	2.00	**2.27**	1.50	**1.78**	.50	**.49**	**.50**	12.00	**12.00**	6.00	**6.34**	60 A
‡2–12–6	Baltimore	2.00	**2.16**	1.50	**1.66**	.50	**.50**	**.70**	12.00	**11.10**	6.00	**6.29**	72 A
2–12–4	Baltimore	2.00	**2.06**	1.70	**1.22**	.30	**.84**	**2.20**	12.00	**12.60**	4.00	**4.30**	79 B
2–9–5	Baltimore	2.00	**1.99**	1.70	**1.41**	.30	**.58**	**1.00**	9.00	**10.00**	5.00	**5.00**	94 A
2–9–5	Baltimore	2.00	**1.98**	1.70	**1.50**	.30	**.48**	**.90**	9.00	**9.30**	5.00	**5.25**	31 A

2–12–6	Baltimore	2.00	**2.27**	1.50	**1.78**	.50	**.49**	**.50**	12.00	**12.00**	6.00	**6.34**	60 A
‡2–12–6	Baltimore	2.00	**2.16**	1.50	**1.66**	.50	**.50**	**.70**	12.00	**11.10**	6.00	**6.29**	72 A
2–12–4	Baltimore	2.00	**2.06**	1.70	**1.22**	.30	**.84**	**2.20**	12.00	**12.60**	4.00	**4.30**	79 B
2–9–5	Baltimore	2.00	**1.99**	1.70	**1.41**	.30	**.58**	**1.00**	9.00	**10.00**	5.00	**5.00**	94 A
2–9–5	Baltimore	2.00	**1.98**	1.70	**1.50**	.30	**.48**	**.90**	9.00	**9.30**	5.00	**5.35**	31 A
2–9–5	Baltimore	2.00	**2.01**	1.70	**1.35**	.30	**.66**	**1.70**	9.00	**10.30**	5.00	**5.20**	115 B
2–8–10	Baltimore	2.00	**1.94**	1.70	**1.45**	.30	**.49**	**.70**	9.00	**9.60**	5.00	**5.20**	44 A
2–8–10	Baltimore	2.00	**1.98**	1.50	**1.29**	.50	**.69**	**.60**	8.00	**9.20**	10.00	**9.40**	397 B
1–10–5	Baltimore	2.00	**1.90**	1.50	**1.46**	.50	**.44**	**.60**	8.00	**8.40**	10.00	**12.88**	60 A
0–10–10	Baltimore	1.00	**1.08**	.60	**.76**	.40	**.32**	**.70**	10.00	**10.30**	5.00	**5.42**	126 B
‡0–10–10	Baltimore							**.60**	10.00	**10.30**	10.00	**10.50**	
0–12–5	Baltimore							**.80**	10.00	**10.20**	10.00	**10.20**	
0–12–5	Baltimore							**.90**	12.00	**12.40**	5.00	**5.74**	
0–12–5	Baltimore							**1.00**	12.00	**12.30**	5.00	**5.04**	
Superphosphate 0–20–0	Baltimore							**1.10**	12.00	**11.70**	5.00	**5.20**	
								1.00	20.00	**20.40**			
Baltimore Fertilizer Co., Baltimore, Md.													
Honest 4–8–7	Fallston	4.00	**3.90**	3.40	**3.31**	.60	**.59**	**.50**	8.00	**8.50**	7.00	**7.00**	118 A
Honest 4–8–5	Bel Air	4.00	**3.76**	3.40	**3.40**	.60	**.36**	**.30**	8.00	**9.10**	5.00	**5.42**	148 A
Honest 2–12–4	Glyndon	2.00	**1.92**	1.50	**1.50**	.50	**.42**	**.80**	12.00	**12.00**	4.00	**4.22**	33 B
Honest 2–12–4	Bel Air	2.00	**2.05**	1.50	**1.71**	.50	**.34**	**.70**	12.00	**12.40**	4.00	**4.26**	18 A
Honest 2–12–4	La Plata	2.00	**1.99**	1.50	**1.29**	.50	**.70**	**.90**	12.00	**12.00**	4.00	**4.37**	51 A
Honest 2–9–5	Glyndon	2.00	**2.13**	1.50	**1.66**	.50	**.47**	**.70**	9.00	**9.50**	5.00	**5.37**	99 B
Honest 2–9–5	Bel Air	2.00	**1.98**	1.50	**1.64**	.50	**.34**	**.60**	9.00	**10.10**	5.00	**5.35**	107 B
Honest 2–9–5	La Plata	2.00	**2.01**	1.50	**1.38**	.50	**.63**	**.60**	9.00	**9.10**	5.00	**5.35**	46 B
Honest 2–8–10	Glyndon	2.00	**2.04**	1.50	**1.60**	.50	**.44**	**.80**	8.00	**8.10**	10.00	**10.00**	51 A
Honest 2–8–10	Fallston	2.00	**1.99**	1.50	**1.66**	.50	**.33**	**.40**	8.00	**9.40**	10.00	**10.24**	3 B
Honest 1–10–5	Baltimore	1.00	**1.19**	.40	**.24**	.60	**.95**	**.50**	10.00	**10.20**	5.00	**5.60**	49 B
Honest Superphosphate 0–16–0	Hampstead							**2.00**	16.00	**16.30**			
Honest Superphosphate 0–16–0	La Plata							**1.40**	16.00	**16.60**			
W. J. Barton & Son, Centreville, Md.													
MBW. 2–12–6	Centreville	2.00	**1.91**	1.25	**.98**	.75	**.93**	**.70**	12.00	**12.00**	6.00	**7.45**	87 B
MBW. 2–8–10	Centreville	2.00	**1.97**	1.20	**1.26**	.80	**.71**	**.70**	8.00	**8.30**	10.00	**10.40**	15 A
MBW. Fruit Special 2–9–5	Centreville	2.00	**1.97**	1.25	**1.22**	.75	**.75**	**.40**	9.00	**9.10**	5.00	**5.32**	114 B
MBW. Caroline Special 1–10–5	Centreville	1.00	**1.02**	.25	**.34**	.75	**.68**	**.60**	10.00	**9.50**	5.00	**6.20**	395 B
MBW. 0–10–10	Centreville							**.20**	10.00	**10.00**	10.00	**10.50**	
MBW. 0–11–7	Centreville							**.30**	11.00	**11.80**	7.00	**7.18**	
MBW. 0–12–5	Centreville							**.80**	12.00	**12.00**	5.00	**6.44**	
MBW. Superphosphate 0–16–0	Centreville							**.50**	16.00	**17.70**			

‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
The Baugh & Sons Co., Baltimore, Md.													
Baugh's Three Quarter Century Perfection Brand 3–12–6	Baltimore	3.00	**3.13**	2.10	**2.29**	.90	**.84**	**1.30**	12.00	**12.10**	6.00	**6.44**	174 A
Baugh's Three Quarter Century Perfection Brand 3–12–6	Baltimore	3.00	**3.03**	2.10	**2.19**	.90	**.84**	**1.00**	12.00	**12.40**	6.00	**6.29**	201 A
Baugh's Wheat Fertilizer for Wheat and Grass 2–12–6	Baltimore	2.00	**2.15**	1.25	**1.36**	.75	**.79**	**.40**	12.00	**12.90**	6.00	**6.44**	7 B
Baugh's Wheat Fertilizer for Wheat and Grass 2–12–6	Baltimore	2.00	**2.04**	1.25	**1.25**	.75	**.79**	**.70**	12.00	**12.80**	6.00	**6.21**	2 B
Baugh's Wheat Fertilizer for Wheat and Grass 2–12–6	Baltimore	2.00	**1.92**	1.25	**1.21**	.75	**.71**	**.70**	12.00	**12.90**	6.00	**6.13**	7 B
Baugh's Double Eagle Phosphate 2–12–4	Baltimore	2.00	**2.02**	1.25	**1.26**	.75	**.76**	**.70**	12.00	**12.60**	4.00	**4.58**	37 A
Baugh's Double Eagle Phosphate 2–12–4	Baltimore	2.00	**2.02**	1.25	**1.17**	.75	**.85**	**.90**	12.00	**12.80**	4.00	**4.26**	12 A
Baugh's Double Eagle Phosphate 2–12–4	Boonsboro	2.00	**1.92**	1.25	**1.22**	.75	**.70**	**.70**	12.00	**12.60**	4.00	**4.08**	6 B
Baugh's Half and Half Mixture with Potash 2–9–5	Baltimore	2.00	**2.18**	.....	**.25**	2.00	**1.93**	**5.30**	9.00	**11.50**	5.00	**5.12**	238 B
Baugh's Half and Half Mixture with Potash 2–9–5	Baltimore	2.00	**2.02**	.....	**.15**	2.00	**1.87**	**4.60**	9.00	**10.00**	5.00	**5.90**	183 B
Baugh's Complete Animal Base Fertilizer 2–9–5	Baltimore	2.00	**2.05**	1.40	**1.57**	.60	**.48**	**.50**	9.00	**9.30**	5.00	**5.16**	88 B
Baugh's Complete Animal Base Fertilizer 2–9–5	Baltimore	2.00	**2.09**	1.40	**1.61**	.60	**.48**	**.60**	9.00	**9.20**	5.00	**5.35**	3 B
Baugh's Complete Animal Base Fertilizer 2–9–5	Linwood	2.00	**1.97**	1.40	**1.40**	.60	**.57**	**.80**	9.00	**9.80**	5.00	**5.01**	8 A
Baugh's Complete Animal Base Fertilizer 2–9–5	Lineboro	2.00	**2.08**	1.40	**1.43**	.60	**.65**	**.60**	9.00	**9.10**	5.00	**5.12**	34 B
Baugh's Complete Animal Base Fertilizer 2–9–5	Baltimore	2.02	**2.00**	1.40	**1.40**	.60	**.62**	**.90**	9.00	**9.50**	5.00	**5.24**	12 A
Baugh's Complete Animal Base Fertilizer 2–9–5	Baltimore	2.01	**2.00**	1.40	**1.43**	.60	**.58**	**.80**	9.00	**9.40**	5.00	**5.08**	20 B
Baugh's 2–8–10 with Fish	Baltimore	2.00	**2.05**	1.20	**1.57**	.80	**.48**	**1.00**	8.00	**9.10**	10.00	**10.32**	94 B
Baugh's Commercial Crop Compound 2–8–10	Baltimore	2.00	**1.99**	1.40	**1.54**	.60	**.45**	**.70**	8.00	**8.40**	10.00	**10.60**	94 B
Baugh's Commercial Crop Compound 2–8–10	Linwood	2.00	**1.98**	1.40	**1.47**	.60	**.51**	**.80**	8.00	**9.00**	10.00	**10.24**	81 B
Baugh's Commercial Crop Compound 2–8–10	[illegible]	1.00	**1.04**	.60	**.39**	.40	**.65**	**.90**	10.00	**10.70**	5.00	**5.38**	53 B

Baugh's 2–8–10 with Fish	Baltimore	2.00	**2.05**	1.20	**1.57**	.80	**.48**	**1.00**	8.00	**9.10**	10.00	**10.32**	94 B
Baugh's Commercial Crop Compound 2–8–10	Baltimore	2.00	**1.99**	1.40	**1.54**	.60	**.45**	**.70**	8.00	**8.40**	10.00	**10.60**	94 B
Baugh's Commercial Crop Compound 2–8–10	Linwood	2.00	**1.98**	1.40	**1.47**	.60	**.51**	**.80**	8.00	**9.00**	10.00	**10.24**	81 B
Baugh's Excelsior Mixture 1–10–5	Baltimore	1.00	**1.04**	.60	**.39**	.40	**.65**	**.90**	10.00	**10.70**	5.00	**5.38**	53 B
Baugh's Raw Bone Meal 3.70-T.P.A. 20.50–0	Baltimore	3.70	**4.07**	.....	.....	.....	.....	.....	*20.50	***23.00**	.....	.....	.....
Baugh's Raw Bone Meal 3.70-T.P.A. 20.50–0	Ellicott City	3.70	**3.45**	.....	.....	.....	.....	.....	*20.50	***20.50**	.....	.....	.....
Baugh's Pure Steamed Bone Meal 2.47-T.P.A. 23–0	Baltimore	2.47	**2.85**	.....	.....	.....	.....	.....	*23.00	***23.20**	.....	.....	.....
Baugh's Phos. and Potash Mixture 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**1.70**	12.00	**12.30**	5.00	**5.35**	.....
Baughphos The Ideal Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**.20**	20.00	**21.00**	.....	.....	.....
Baughphos The Ideal Superphosphate 0–18–0	Baltimore	.....	.....	.....	.....	.....	.....	**.20**	18.00	**18.90**	.....	.....	.....
Baughphos The Ideal Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**.30**	16.00	**17.50**	.....	.....	.....
Baughphos The Ideal Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	16.00	**16.90**	.....	.....	.....
Baugh's Lime and Phosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.50**	16.00	**16.10**	.....	.....	.....
Herbert Bryant, Inc., Alexandria, Va.													
‡2–12–6	Wash. Grove	2.00	**1.97**	1.00	**1.05**	1.00	**.92**	**.90**	12.00	**12.00**	6.00	**6.21**	70 A
2–12–4	Wash. Grove	2.00	**1.98**	1.00	**1.05**	1.00	**.93**	**.90**	12.00	**12.00**	4.00	**4.28**	51 A
2–9–5	Dickerson	2.00	**2.01**	1.00	**1.07**	1.00	**.94**	**1.10**	9.00	**9.10**	5.00	**5.67**	2 B
‡2–9–3	Wash. Grove	2.00	**2.06**	1.00	**1.07**	1.00	**.99**	**.90**	9.00	**8.60**	3.00	**3.57**	34 A
Pure Animal Bone Meal 3.70-T.P.A. 21.50–0	Silver Spring	3.70	**4.03**	.....	.....	.....	.....	.....	*21.50	***23.20**	.....	.....	.....
Central Chemical Corporation of Maryland, Hagerstown, Md.													
Farmrite Grain Food 2–12–4	Smithsburg	2.00	**2.04**	1.40	**1.41**	.60	**.63**	**2.50**	12.00	**11.30**	4.00	**4.40**	52 B
Farmrite Excelsior 2–9–5	Hancock	2.00	**2.02**	1.40	**1.54**	.60	**.48**	**.70**	9.00	**9.60**	5.00	**5.40**	153 B
Farmrite Imperial 2–8–10	Reid	2.00	**2.04**	1.40	**1.38**	.60	**.66**	**.50**	8.00	**8.00**	10.00	**10.50**	145 B
Potash Special 0–12–5	Hancock	.....	.....	.....	.....	.....	.....	**3.00**	12.00	**10.10**	5.00	**5.12**	.....
‡Farmrite Carbo Limephosphate 0–16–0	Hancock	.....	.....	.....	.....	.....	.....	**.70**	16.00	**16.00**	†32.00	†**34.25**	.....
Chewsville Cooperative Association, Inc., Chewsville, Md.													
Crop Producer 3–12–6	Chewsville	3.00	**2.77**	2.00	**1.54**	1.00	**1.23**	**1.00**	12.00	**10.50**	6.00	**6.13**	81 A
Golden Harvest 2–9–5	Chewsville	2.00	**2.04**	1.00	**1.38**	1.00	**.66**	**1.00**	9.00	**9.10**	5.00	**5.32**	24 B
Phosphate and Potash 0–12–5	Chewsville	.....	.....	.....	.....	.....	.....	**1.00**	12.00	**13.20**	5.00	**5.50**	.....
Superphosphate 0–16–0	Chewsville	.....	.....	.....	.....	.....	.....	**.50**	16.00	**16.90**	.....	.....	.....
Chilean Nitrate Sales Corporation, New York, N. Y.													
Champion Brand Chilean Nitrate of Soda 16–0–0	Baltimore	16.00	**16.00**	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Total Phosphoric Acid. † Calcium Oxide. ‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Basicity B Acidity A
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	Declared	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Clark & Owings, Ellicott City, Md.													
Mixture "C" 3–10–5	Baltimore	3.00	**2.98**	1.50	**1.54**	1.50	**1.44**	**2.60**	10.00	**11.50**	5.00	**5.00**	74 A
Mixture "C" 3–10–5	Ellicott City	3.00	**3.05**	1.50	**1.60**	1.50	**1.45**	**2.70**	10.00	**10.70**	5.00	**5.98**	90 A
Mixture "C" 3–10–5	Ellicott City	3.00	**3.30**	1.50	**1.67**	1.50	**1.63**	**2.80**	10.00	**9.70**	5.00	**6.13**	91 A
Mixture "D" 2–9–5	Baltimore	2.00	**2.01**	1.00	**1.15**	1.00	**.86**	**1.20**	9.00	**9.10**	5.00	**6.21**	149 B
Mixture "D" 2–9–5	Ellicott City	2.00	**2.11**	1.00	**1.22**	1.00	**.89**	**1.10**	9.00	**9.40**	5.00	**6.29**	79 B
L. Otis Corkran & Co., Rhodesdale, Md.													
2–12–6	Rhodesdale	2.00	**2.02**	1.60	**1.07**	.40	**.95**	**.30**	12.00	**12.20**	6.00	**6.70**	264 B
2–9–5	Rhodesdale	2.00	**2.11**	1.60	**1.70**	.40	**.41**	**.30**	9.00	**9.40**	5.00	**5.80**	451 B
2–8–10	Rhodesdale	2.00	**1.98**	2.00	**1.46**	0.00	**.52**	**.20**	8.00	**8.40**	10.00	**11.00**	368 B
The Davidson Chemical Corp., Baltimore, Md.													
Davco Homogeneous Granulated Fertilizer 4–12–4	Baltimore	4.00	**4.28**	4.00	**4.02**	0.00	**.26**	**.50**	12.00	**12.60**	4.00	**5.12**	122 A
Davco Homogeneous Granulated Fertilizer 4–8–7	Baltimore	4.00	**3.72**	4.00	**3.45**	0.00	**.27**	**.40**	8.00	**8.20**	7.00	**7.22**	241 B
Davco Homogeneous Granulated Fertilizer 3–12–6	Baltimore	3.00	**3.02**	3.00	**2.73**	0.00	**.29**	**.90**	12.00	**12.10**	6.00	**6.13**	62 B
Davco Homogeneous Granulated Fertilizer 2–12–6	Baltimore	2.00	**2.12**	2.00	**1.78**	0.00	**.34**	**.90**	12.00	**12.10**	6.00	**6.21**	164 B
Davco Homogeneous Granulated Fertilizer 2–9–5	Baltimore	2.00	**1.97**	2.00	**1.80**	0.00	**.17**	**.40**	9.00	**9.00**	5.00	**5.20**	554 B
Davco Homogeneous Granulated Fertilizer 2–8–10	Baltimore	2.00	**1.81**	2.00	**1.69**	0.00	**.12**	**.50**	8.00	**8.40**	10.00	**10.24**	572 B
Davison Sheep and/or Goat Manure 1.25-T.P.A. 1–2	Baltimore	1.25	**1.90**	.....	.....	.....	.....	.....	*1.00	***1.80**	2.00	**3.66**	.....
Davco Homogeneous Granulated Fertilizer 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	10.00	**9.90**	10.00	**10.67**	.....
Davco Homogeneous Granulated Fertilizer 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	12.00	**11.80**	5.00	**5.20**	.....
Davco Granulated Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	1.20	20.00	**20.10**	.....	.....	.....

Davco Granulated Superphosphate 0–20–0	Baltimore							1.20	20.00	20.10				
Devilbiss Brothers, New Windsor, Md.														
2–12–6	New Windsor	2.00	2.30	1.80	2.06	.20	.24	.90	12.00	12.10	6.00	7.29	72 A	
Butcher House 2–9–5	New Windsor	2.00	2.39	1.60	2.02	.40	.37	.90	9.00	10.60	5.00	5.42	45 A	
Wheat Grower 1–10–5	New Windsor	1.00	1.29	.80	1.05	.20	.24	.90	10.00	10.90	5.00	6.81	104 B	
Superphosphate 0–18–0	New Windsor							.60	18.00	19.90				
The Dorchester Fertlizer Co., Cambridge, Md.														
Imperial 3–12–6	Cambridge	3.00	3.12	2.10	1.97	.90	1.15	.80	12.00	12.00	6.00	6.25	31 B	
Diamond 2–12–4	Cambridge	2.00	2.27	1.90	1.88	.10	.39	.90	12.00	12.00	4.00	5.20	39 B	
Winner 2–10–10	Cambridge	2.00	1.97	1.80	1.73	.20	.24	.70	10.00	10.20	10.00	11.00	145 B	
Producer 2–9–5	Cambridge	2.00	1.97	1.90	1.77	.10	.20	.60	9.00	9.20	5.00	5.52	62 A	
Favorite 2–8–10	Cambridge	2.00	1.99	1.90	1.74	.10	.25	.70	8.00	8.40	10.00	11.40	44 B	
Standard 0–10–10	Cambridge							.90	10.00	10.50	10.00	10.40		
Harvest 0–12–5	Cambridge							.60	12.00	11.70	5.00	5.98		
Superphosphate 0–16–0	Cambridge							1.70	16.00	15.10				
The Eichman Co., Union Bridge, Md.														
Eichman's Soil-Saver 2–9–5	Gaithersburg	2.00	1.60	1.80	1.31	.20	.29	.80	9.00	9.70	5.00	5.04	385 B	
Eichman's Soil-Saver 0–12–5	Union Bridge							1.30	12.00	15.40	5.00	5.31		
Eichman's Soil-Saver Superphosphate 0–16–0	Union Bridge							1.80	16.00	16.20				
Emporia Elevator & Feeding Co., Emporia, Kan.														
"Big Sheep" Brand Pulverized Sheep Manure 2-T.P.A. 1–2	Baltimore	2.00	1.94						*1.00	*2.10	2.00	3.88		
Cattle Manure 1.85-T.P.A. .75–1.75	Baltimore	1.85	1.76						*.75	*1.50	1.75	3.02		
Farmers Cooperative Association, Inc., Frederick, Md.														
Sure Crop 2–12–6	Frederick	2.00	2.13	1.60	1.35	.40	.78	.90	12.00	12.40	6.00	6.21	14 B	
Wheat and Grass Special 2–9–5	Frederick	2.00	2.44	1.60	1.46	.40	.98	1.10	9.00	10.20	5.00	5.98	87 B	
Rock and Potash Special 0–12–5	Frederick							1.00	12.00	11.40	5.00	6.36		
Superphosphate 0–16–0	Frederick							1.30	16.00	16.20				
Farmers Fert. & Feed Co., Westminster, Md.														
Superior 2–12–6	Westminster	2.00	1.98	1.40	1.39	.60	.59	.80	12.00	12.00	6.00	6.60	91 B	
High Grade 2–9–5	Westminster	2.00	1.99	1.40	1.33	.60	.66	1.00	9.00	9.10	5.00	5.50	87 B	
Farmers Potash Special 2–8–10	Westminster	2.00	2.01	1.40	1.43	.60	.58	.70	8.00	8.00	10.00	10.40	133 B	
Farmers Favorite 1–10–5	Westminster	1.00	1.15	.50	.53	.50	.62	1.10	10.00	10.00	5.00	5.12	37 A	
Superphosphate and Potash 0–12–5	Westminster							1.10	12.00	11.60	5.00	5.50		
Superphosphate 0–16–0	Westminster							1.70	16.00	16.60				

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Farmers Supply Co., Frederick, Md.													
Farmers Supply Co., Quality Ferlitizer 2–12–6	Baltimore	2.00	**2.25**	1.70	**1.78**	.30	**.47**	**.70**	12.00	**12.00**	6.00	**6.25**	95 A
Farmers Supply Co., Quality Ferlitizer 2–12–6	Frederick	2.00	**2.01**	1.70	**1.60**	.30	**.41**	**.80**	12.00	**12.00**	6.00	**6.21**	50 A
‡Farmers Supply Co., Quality Fertilizer 2–12–6	Baltimore	2.00	**2.20**	1.70	**1.60**	.30	**.60**	**.70**	12.00	**11.60**	6.00	**6.45**	34 A
Farmers Supply Co., Quality Fertilizer 2–9–5	Frederick	2.00	**2.05**	1.70	**1.54**	.30	**.51**	**.70**	9.00	**9.60**	5.00	**5.12**	68 A
‡Farmers Supply Co., Quality Fertilizer 2–9–5	Baltimore	2.00	**1.99**	1.70	**1.46**	.30	**.53**	**.70**	9.00	**9.70**	5.00	**5.20**	56 A
Farmers Supply Co., Quality Fertilizer 0–16–0	Frederick							**1.20**	16.00	**16.00**			
Griffith & Boyd Co., Baltimore, Md.													
‡Griffith & Boyd Co's Special Fish Guano Brand 3–12–6	Fallston	3.00	**3.05**	2.10	**2.11**	.90	**.94**	**.60**	12.00	**12.30**	6.00	**6.21**	121 A
Griffith & Boyd Co's High Grade Economizer 2–12–6	Baltimore	2.00	**2.06**	1.40	**1.40**	.60	**.66**	**.70**	12.00	**12.20**	6.00	**6.36**	49 A
Griffith & Boyd Co's High Grade Economizer 2–12–6	Baltimore	2.00	**1.98**	1.40	**1.36**	.60	**.62**	**.70**	12.00	**12.10**	6.00	**6.60**	36 A
Griffith & Boyd Co's Reliable Crop Grower 2–12–4	Baltimore	2.00	**1.99**	1.40	**1.32**	.60	**.67**	**.80**	12.00	**12.20**	4.00	**4.26**	59 A
Griffith & Boyd Co's Reliable Crop Grower 2–12–4	Smithsburg	2.00	**2.01**	1.40	**1.31**	.60	**.70**	**1.00**	12.00	**12.30**	4.00	**4.22**	45 A
Griffith & Boyd Co's Reliable Crop Grower 2–12–4	Baltimore	2.00	**1.98**	1.40	**1.35**	.60	**.63**	**.90**	12.00	**12.30**	4.00	**4.42**	61 A
Griffith & Boyd Co's Reliable Crop Grower 2–12–4	Baltimore	2.00	**1.98**	1.40	**1.35**	.60	**.63**	**.90**	12.00	**12.30**	4.00	**4.30**	31 A
‡Griffith & Boyd Co's Fish and Potash Guano 2–10–4	Baltimore	2.00	**1.99**	1.40	**1.26**	.60	**.73**	**.50**	10.00	**10.30**	4.00	**4.34**	60 A
Griffith & Boyd Co's Special Guano 2–9–5	Baltimore	2.00	**1.99**	1.40	**1.06**	.60	**.93**	**.40**	9.00	**9.50**	5.00	**5.35**	3 B
Griffith & Boyd Co's Special Guano 2–9–5	Baltimore	2.00	**1.99**	1.40	**1.29**	.60	**.70**	**.60**	9.00	**9.50**	5.00	**5.31**	27 B
Griffith & Boyd Co's Special Guano 2–9–5	Baltimore	2.00	**1.99**	1.40	**1.24**	.60	**.75**	**.50**	9.00	**9.50**	5.00	**5.41**	40 B
Griffith & Boyd Co's Pure Fine Ground Bone Meal 3.70-T.P.A. 20–0	Baltimore	3.70	**3.43**						*20.00	*20.50			
Griffith & Boyd Co's Superphosphate 0–20–0	Baltimore							**.30**	20.00	**21.00**			
								1.00	20.00	**19.20**			

Griffith & Boyd Co's Superphosphate 0–20–0	Rising Sun							1.00	20.00	19.20					
Griffith & Boyd Co's High Grade Superphosphate 0–16–0	Baltimore							1.30	16.00	17.20					
Griffith & Turner Co., Baltimore, Md.															
Griffith & Turner Co's Grass Fert. 9–5–2	Baltimore	9.00	**9.00**	7.20	**8.12**	1.80	**.88**	**.20**	5.00	**5.80**	2.00	**2.48**	622 A
Griffith & Turner Co's Garden Fert. 4–8–7	Baltimore	4.00	**4.10**	3.20	**3.23**	.80	**.87**	**.30**	8.00	**8.60**	7.00	**7.40**	260 A
Griffith & Turner Co's Rose Fert. 3–12–6	Baltimore	3.00	**2.70**	2.10	**1.74**	.90	**.96**	**.90**	12.00	**12.20**	6.00	**6.60**	24 B
Griffith & Turner Co's Soft Ground Bone 3-T.P.A. 14–0	Baltimore	3.00	**2.42**						*14.00	*15.60			
Hampstead Fertlizer Co., Hampstead, Md.															
Hampstead's 2–9–5	Hampstead	2.00	**1.83**	1.50	**1.50**	.50	**.33**	**.70**	9.00	**9.40**	5.00	**5.16**	261 B
Hampstead's 2–8–10	Hampstead	2.00	**2.02**	1.50	**1.71**	.50	**.31**	**.50**	8.00	**8.30**	10.00	**10.70**	21 A
Hampstead's 1–10–5	Hampstead	1.00	**1.15**	.60	**.76**	.40	**.39**	**1.10**	10.00	**10.10**	5.00	**5.28**	283 B
Hampstead Superphosphate 0–16–0	Hampstead							**.70**	16.00	**16.60**			
A. H. Hoffman, Inc., Landisville, Pa.															
Hoffman's Plant Food 5–8–6	Baltimore	5.00	**4.84**	3.50	**2.70**	1.50	**2.14**	**.50**	8.00	**11.20**	6.00	**6.60**	132 A
Hoffman's Bone Meal 3.70-T.P.A. 20–0	Baltimore	3.70	**3.31**						*20.00	*24.80			
Hoffman's Cow Manure 2-P.T.A. 2–2	Baltimore	2.00	**2.01**						*2.00	*2.10	2.00	**2.44**	
Horsey, Roe & Co., Greensboro, Md.															
2–12–6	Greensboro	2.00	**2.04**	1.00	**.81**	1.00	**1.23**	**.20**	12.00	**10.70**	6.00	**8.02**	586 B
Superphosphate and Potash 0–10–10	Greensboro							**.20**	10.00	**10.90**	10.00	**11.20**	
0–12–5	Greensboro							**.20**	12.00	**12.20**	5.00	**5.40**	
Huston, Culver & Co., Seaford, Del.															
Crop Grower 2–9–5	Federalsburg	2.00	**2.22**	1.50	**1.92**	.50	**.30**	**.80**	9.00	**9.00**	5.00	**6.29**	83 B
Sussex Special 2–8–10		2.00	**2.22**	1.50	**1.91**	.50	**.31**	**.80**	8.00	**7.70**	10.00	**10.80**	143 B
Wheat Special 0–10–10								**1.00**	10.00	**9.70**	10.00	**10.52**	
Double Potash Mixture 0–12–5	Federalsburg							**.80**	12.00	**11.20**	5.00	**5.84**	
The Maryland Milling & Supply Co., Sykesville, Md.															
Forthman's Special 5–10–5	Sykesville	5.00	**4.51**	4.75	**4.24**	.25	**.27**	**.20**	10.00	**10.90**	5.00	**5.04**	322 A
1937 Crop Mixture 2–12–5	Sykesville	2.00	**2.32**	1.75	**2.13**	.25	**.19**	**.60**	12.00	**12.70**	5.00	**5.42**	15 A
Newman's Favorite 2–9–5	Sykesville	2.00	**1.99**	1.50	**1.60**	.50	**.39**	**.60**	9.00	**9.70**	5.00	**5.59**	147 B
Dietrich's Favorite 1–10–5	Sykesville	1.00	**1.04**	.75	**.80**	.25	**.24**	**.50**	10.00	**10.30**	5.00	**5.20**	134 B

* Total Phosphoric Acid. ‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	FOUND	Declared	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Maryland Tobacco Growers' Association, Baltimore, Md.													
Md. Association Brand 2–9–5	Baltimore	2.00	**2.05**	1.50	**1.46**	.50	**.59**	**.80**	9.00	**9.70**	5.00	**5.28**	1 A
Md. Association Brand 2–9–5	Baltimore	2.00	**2.01**	1.50	**1.45**	.50	**.56**	**.80**	9.00	**9.50**	5.00	**5.24**	90 A
Md. Association Brand 2–9–5	Baltimore	2.00	**2.01**	1.50	**1.46**	.50	**.55**	**.70**	9.00	**9.50**	5.00	**5.38**	97 A
0–12–5	Baltimore							**.90**	12.00	**12.00**	5.00	**5.28**	
0–12–5	Baltimore							**1.00**	12.00	**12.20**	5.00	**5.16**	
Superphosphate 0–20–0	Baltimore							**1.10**	20.00	**20.40**			
Md. Assoc. Brand Superphosphate 0–16–0	Baltimore							**1.50**	16.00	**16.60**			
Md. Assoc. Brand Superphosphate 0–16–0	Baltimore							**1.60**	16.00	**16.10**			
Md. Assoc. Brand Superphosphate 0–16–0	Baltimore							**1.60**	16.00	**16.50**			
Md. Assoc. Brand Superphosphate 0–16–0	Baltimore							**1.30**	16.00	**16.50**			
Massey & Wilmer, Inc., Chestertown, Md.													
‡2–12–6	Chestertown	2.00	**1.98**	1.00	**1.05**	1.00	**.93**	**.70**	12.00	**13.10**	6.00	**6.00**	34 B
Trustworthy 2–9–5	Chestertown	2.00	**1.97**	1.00	**1.10**	1.00	**.87**	**1.00**	9.00	**9.40**	5.00	**5.30**	36 A
Propagator 2–8–10	Chestertown	2.00	**2.05**	1.00	**1.18**	1.00	**.87**	**.30**	8.00	**8.90**	10.00	**11.04**	223 B
‡1–10–7	Chestertown	1.00	**1.07**	.80	**.79**	.20	**.28**	**.60**	10.00	**10.00**	7.00	**9.00**	300 B
Crop Producer 1–10–5	Chestertown	1.00	**1.10**	.80	**.77**	.20	**.33**	**.90**	10.00	**10.90**	5.00	**6.30**	321 B
0–10–10	Chestertown							**1.50**	10.00	**9.80**	10.00	**11.18**	
0–12–5	Chestertown							**1.50**	12.00	**12.00**	5.00	**5.70**	
Superprosphate 0–16–0	Chestertown							**1.40**	16.00	**17.90**			
E. Chas. Matthias & Son, Littlestown, Pa.													
Wheat Special 2–9–5	Union Mills	2.00	**1.99**	1.60	**1.05**	.40	**.94**	**.90**	9.00	**9.10**	5.00	**5.28**	449 B
Wheat Special 2–9–5	Taneytown	2.00	**1.99**	1.60	**1.37**	.40	**.62**	**.90**	9.00	**9.40**	5.00	**5.07**	389 B
Medford Fertilizer Works, Medford, Md.													
2–12–6	Medford	2.00	**2.11**	1.50	**1.71**	.50	**.40**	**.40**	12.00	**12.60**	6.00	**7.10**	21 A
2–9–5	Medford	2.00	**2.19**	1.50	**1.74**	.50	**.45**	**.50**	9.00	**9.50**	5.00	**5.32**	23 B
2–8–10	Medford	2.00	**1.96**	1.50	**1.61**	.50	**.35**	**.20**	8.00	**9.00**	10.00	**10.24**	219 B
1–10–5	Medford	1.00	**1.08**	.75	**.76**	.25	**.32**	**.20**	10.00	**11.20**	5.00	**5.24**	80 B
0–12–5	Medford							**.70**	12.00	**13.40**	5.00	**5.24**	

2–8–10	Medford	2.00	1.96	1.50	1.61	.50	.35	.20	8.00	9.00	10.00	10.24	219 B
1–10–5	Medford	1.00	1.08	.75	.76	.25	.32	.20	10.00	11.20	5.00	5.24	80 B
0–12–5	Medford							.70	12.00	13.40	5.00	5.24	
The Frederick Mehring Fertilizer Works, Inc., Keymar, Md.													
Mt. Airy Wheat and Corn Special 3–12–6	Mt. Airy	3.00	3.06	1.55	1.63	1.45	1.43	1.50	12.00	12.10	6.00	6.44	16 A
Mehring's Indian Chief 2–12–6	Keymar	2.00	1.87	1.60	1.40	.40	.47	1.00	12.00	13.00	6.00	6.24	0
Mehring's Wheat and Grass 2–12–4	Mt. Airy	2.00	1.94	1.60	1.49	.40	.45	.90	12.00	11.60	4.00	4.90	121 B
Mehring's Mammouth Truck Grower 2–9–5	Keymar	2.00	1.97	1.60	1.60	.40	.37	.40	9.00	9.00	5.00	5.64	204 B
Mehring's Mammouth Truck Grower 2–9–5	Taneytown	2.00	2.09	1.60	1.60	.40	.49	.40	9.00	9.00	5.00	5.70	199 B
Mehring's Big 4 1–10–5	Taneytown	1.00	1.19	.60	.73	.40	.46	.60	10.00	9.70	5.00	6.30	266 B
Mehring's Potash Mixture 0–12–5	Keymar							.40	12.00	12.50	5.00	5.78	
Mehring's Superphosphate 0–20–0	Mt. Airy							1.20	20.00	19.80			
Mehring's Superphosphate 0–16–0	Baltimore							1.00	16.00	17.10			
Mehring's Superphosphate 0–16–0	Woodsboro							1.00	16.00	15.40			
The Meyer Seed Co., Baltimore, Md.													
M-S Lawn and Plant Food 6–6–5	Baltimore	6.00	6.00	3.60	3.90	2.40	2.10	.80	6.00	6.90	5.00	5.12	92 A
Miller Chemical Fertilizer Corp., Baltimore, Md.													
Rich Yield 3–12–6	Baltimore	3.00	2.99	2.25	2.33	.75	.66	.80	12.00	12.00	6.00	6.68	115 A
Rich Yield 2–12–6	Baltimore	2.00	1.90	1.20	1.12	.80	.78	.50	12.00	11.70	6.00	8.24	63 B
Rich Yield Fish Brand 2–12–6	Baltimore	2.00	1.97	.50	.88	1.50	1.09	.80	12.00	12.00	6.00	6.40	2 B
Farmers Profit 2–12–4	Baltimore	2.00	2.05	1.20	1.21	.80	.84	.60	12.00	12.30	4.00	4.26	85 B
Harvest Queen 2–9–5	Baltimore	2.00	2.01	1.20	1.26	.80	.75	.40	9.00	9.30	5.00	5.60	182 B
Rich Yield 2–8–10	Baltimore	2.00	1.97	1.20	1.32	.80	.65	.40	8.00	8.90	10.00	10.80	124 B
Rich Yield 0–12–5	Baltimore							.60	12.00	12.00	5.00	5.35	
The Peerless Fertilizer Co., Chestertown, Md.													
2–12–6	Chestertown	2.00	1.94	1.75	1.63	.25	.31	.60	12.00	12.30	6.00	6.36	71 A
Our Peerless 2–9–5	Chestertown	2.00	2.02	1.75	1.74	.25	.28	.50	9.00	9.00	5.00	5.44	131 A
2–8–10	Chestertown	2.00	1.98	1.75	1.64	.25	.34	.40	8.00	8.10	10.00	10.40	127 A
Imperial Compound 1–10–5	Chestertown	1.00	1.18	.85	.84	.15	.34	.70	10.00	10.20	5.00	5.16	37 A
0–10–10 Fertilizer	Chestertown							.50	10.00	10.00	10.00	11.00	
0–12–5 Fertilizer	Chestertown							.50	12.00	12.50	5.00	5.16	
Superphosphate 0–20–0	Salisbury							.40	20.00	20.10			
Superphosphate 0–16–0	Chestertown							.90	16.00	17.30			
Muriate of Potash 0–0–48	Chestertown										48.00	52.00	
Plantabbs Corp., Baltimore, Md.													
Fulton's Plantabbs 11–T.P.A. 15–20	Baltimore	11.00	11.28						*15.00	*19.30	20.00	25.76	

* Total Phosphoric Acid. ‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Sampling Place of	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Warner W. Price, Smyrna, Del.													
Ralph's Mixture 3–8–8		3.00	**3.00**	2.00	**1.68**	1.00	**1.32**	**.70**	8.00	**9.50**	8.00	**8.30**	8 B
Ralph's Improved Wheat Formula 2–12–6		2.00	**1.97**	1.00	**.62**	1.00	**1.35**	**1.20**	12.00	**12.60**	6.00	**6.60**	141 B
L. & P. 2–9–5		2.00	**2.20**	1.25	**1.54**	.75	**.66**	**.70**	9.00	**9.40**	5.00	**5.16**	74 A
Double X 2–8–10		2.00	**2.02**	1.25	**1.17**	.75	**.85**	**.70**	8.00	**8.80**	10.00	**10.40**	253 B
0–12–5								**.40**	12.00	**12.40**	5.00	**6.20**	
The Pulverized Manure Co., Chicago, Ill.													
Wizard Brand Pulverized									*1.00	***1.70**	2.00	**3.80**	
Sheep Manure 2–T.P.A. 1–2	Baltimore	2.00	**2.15**						*1.00	***1.40**	1.00	**2.02**	
Wizard Brand Cow Manure 2–T.P.A. 1–1	Baltimore	2.00	**2.02**										
The Ramsburg Fertilizer Co., Frederick, Md.													
Royal Crop Grower 2–12–6	Frederick	2.00	**1.90**	1.40	**1.24**	.60	**.66**	**2.30**	12.00	**12.10**	6.00	**6.29**	63 B
Special Fish Brand Fertilizer 2–12–6	Frederick	2.00	**1.98**	1.30	**.88**	.70	**1.10**	**1.90**	12.00	**11.80**	6.00	**6.36**	30 B
Excelsior Plant Food 2–12–4	Frederick	2.00	**2.05**	1.40	**1.33**	.60	**.72**	**3.60**	12.00	**11.30**	4.00	**4.74**	30 B
Old Virginia Compound 2–9–5	Frederick	2.00	**2.01**	1.40	**1.33**	.60	**.68**	**1.00**	9.00	**9.10**	5.00	**5.67**	265 B
Ammoniated Phosphate 1–10–5	Frederick	1.00	**1.18**	.50	**.59**	.50	**.59**	**.70**	10.00	**10.40**	5.00	**5.28**	453 B
Special Rock and Potash 0–12–5	Frederick							**.60**	12.00	**12.00**	5.00	**5.12**	
Super Phosphate 0–16–0	Frederick							**1.40**	16.00	**16.50**			
Read Drug and Chemical Co., Baltimore, Md.													
Plantgro 4–12–4	Baltimore	4.00	**4.00**	4.00	**2.98**	0.00	**1.02**	**2.90**	12.00	**13.00**	4.00	**4.89**	
The Reindollar Co., Taneytown, Md.													
Grain Grower 2–12–6	Taneytown	2.00	**2.27**	1.40	**1.20**	.60	**1.07**	**.80**	12.00	**12.80**	6.00	**6.21**	51 B
Crop Grower 2–9–5	Taneytown	2.00	**2.05**	1.50	**1.43**	.50	**.62**	**.30**	9.00	**10.30**	5.00	**5.60**	23 B
Rock and Potash 0–12–5	Taneytown							**.90**	12.00	**12.90**	5.00	**5.55**	
Superphosphate 0–16–0	Taneytown							**.30**	16.00	**16.90**			
F. S. Royster Guano Co., Baltimore, Md.													
	Baltimore	3.00	**3.02**	2.40	**2.21**	.60	**.81**	**.60**	12.00	**12.30**	6.00	**6.05**	20 A
Royster Curlew Guano 3–12–6		2.00	**1.99**	1.60	**1.36**	.40	**.63**	**.80**	12.00	**12.40**	6.00	**6.13**	61 B

F. S. Royster Guano Co., Baltimore, Md.														
Royster Curlew Guano 3–12–6	Baltimore	3.00	**3.02**	2.40	**2.21**	.60	**.81**	.60	12.00	**12.30**	6.00	**6.05**	20 A
Royster Fertilizer 2–12–6	Baltimore	2.00	**1.99**	1.60	**1.36**	.40	**.63**	.80	12.00	**12.40**	6.00	**6.13**	61 B
Royster Fertilizer 2–12–6	Baltimore	2.00	**2.02**	1.60	**1.35**	.40	**.67**	.70	12.00	**12.20**	6.00	**6.44**	43 B
Royster Fertilizer 2–12–6	Baltimore	2.00	**2.04**	1.60	**1.29**	.40	**.75**	.60	12.00	**12.40**	6.00	**6.29**	55 B
Royster Gem Guano 2–12–4	Baltimore	2.00	**1.97**	1.60	**1.26**	.40	**.71**	.50	12.00	**12.50**	4.00	**4.50**	61 B
Royster Big Bully Guano 2–9–5	Baltimore	2.00	**2.08**	1.60	**1.37**	.40	**.71**	.50	9.00	**9.40**	5.00	**5.50**	87 B
Royster Big Bully Guano 2–9–5	Baltimore	2.00	**2.09**	1.60	**1.44**	.40	**.65**	.70	9.00	**9.40**	5.00	**5.40**	90 B
Royster Banner Guano 2–8–10	Baltimore	2.00	**2.16**	1.60	**1.55**	.40	**.61**	.50	8.00	**8.40**	10.00	**10.40**	94 B
Royster Banner Guano 2–8–10	Baltimore	2.00	**2.09**	1.60	**1.46**	.40	**.63**	.70	8.00	**8.10**	10.00	**10.56**	70 B
Royster Banner Guano 2–8–10	Baltimore	2.00	**2.02**	1.60	**1.43**	.40	**.59**	.90	8.00	**8.30**	10.00	**10.00**	108 B
Royster Raw Bone Meal 3.70–T.P.A. 20.60–0	Baltimore	3.70	**3.51**	.....	.....	.....	.....	.....	*20.60	***20.60**	.....	.....	.....
Royster Phosphate and Potash 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	.80	10.00	**10.90**	10.00	**10.32**	.....
Royster Phosphate and Potash 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	1.00	12.00	**12.00**	5.00	**5.46**	.....
Royster Phosphate and Potash 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	.80	12.00	**12.60**	5.00	**5.12**	.....
Royster Phosphate and Potash 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	1.00	12.00	**12.10**	5.00	**5.12**	.....
Royster Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	.90	20.00	**20.10**	.....	.....	.....
Royster Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	.80	16.00	**16.30**	.....	.....	.....
Royster Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	.80	16.00	**16.00**	.....	.....	.....
Royster Kainit 0–0–20	Baltimore	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.00	**21.40**	.....
Wm. G. Scarlett & Co., Balitmore Md.													
Scarlett's Greenway Brand Bone Meal 2.50–T.P.A. 24–0	Baltimore	2.50	**2.67**	.....	.....	.....	.....	.....	*24.00	***27.20**	.....	.....	.....
Greenway Brand Domestic Sheep Manure 1.65–T.P.A. 1–2	Baltimore	1.65	**1.85**	.....	.....	.....	.....	.....	*1.00	***1.30**	2.00	**2.72**	.....
The Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.													
Esskay Quality Plant Food 5–9–4	Baltimore	5.00	**5.48**	0.00	**.60**	5.00	**4.88**	**5.30**	9.00	**9.50**	4.00	**4.12**	150 B
R. H. Slingluff Fertilizer Co., Baltimore, Md.													
Singluff's 4–12–4	Baltimore	4.00	**3.71**	3.00	**2.75**	1.00	**.96**	**1.10**	12.00	**12.10**	4.00	**4.30**	238 A
Slingluff's Champion 2–9–5	Baltimore	2.00	**1.94**	1.50	**1.32**	.50	**.62**	.90	9.00	**10.20**	5.00	**5.01**	79 A
Slingluff's Champion 2–9–5	Baltimore	2.00	**2.01**	1.50	**1.47**	.50	**.54**	.70	9.00	**9.80**	5.00	**5.20**	77 A
Slingluff's Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.40**	16.00	**16.10**	.....	.....	.....
Slingluff's Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.60**	16.00	**16.20**	.....	.....	.....
Smith-Douglass Co., Inc., Norfolk, Va.													
Smith's Fertilizer 2–8–10	Salisbury	2.00	**2.02**	1.20	**1.07**	.80	**.95**	**1.20**	8.00	**8.20**	10.00	**10.60**	89 B
‡Smith's Superphosphate 0–20–0	Salisbury	.....	.....	.....	.....	.....	.....	**.90**	20.00	**18.40**	.....	.....	.....

* Total Phosphoric Acid.

‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Sampling Place of	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Soil Builders Inc. Division of Colloidal Products of America, Inc., Orlando, Fla.													
Mineral Colloids 0–T.P.A. 22–0	Rhodesdale	.....	.....	.....	.....	.....	.....	.....	*22.00	*22.70	.....	.....	.....
Mineral Colloids 0–T.P.A. 18–0	Rhodesdale	.....	.....	.....	.....	.....	.....	.....	*18.00	*22.60	.....	.....	.....
Soil Service, Rehoboth Beach, Del.													
0–10–10	Denton	.....	.....	.....	.....	.....	.....	.60	10.00	10.60	10.00	10.00	.....
0–12–5	Denton	.....	.....	.....	.....	.....	.....	.60	12.00	13.10	5.00	5.12	.....
Southern States Cooperative, Inc., Richmond, Va.													
Southern States Cooperative Quality Open Formula 4–8–7	Baltimore	4.00	3.90	2.40	2.39	1.60	1.51	.90	8.00	8.60	7.00	7.76	49 A
Southern States Cooperative Quality Open Formula 3–12–6	Baltimore	3.00	3.06	1.80	1.91	1.20	1.15	1.10	12.00	12.30	6.00	6.45	15 A
Southern States Cooperative Quality Open Formula 3–12–6	Brunswick	3.00	2.98	1.80	1.91	1.20	1.07	1.10	12.00	12.20	6.00	6.60	62 A
Southern States Cooperative Quality Big Yield 2–12–6	Baltimore	2.00	2.01	1.50	.98	.50	1.03	1.00	12.00	12.20	6.00	6.60	385 B
Southern States Cooperative Quality Big Yield 2–12–6	Baltimore	2.00	2.32	1.50	1.76	.50	.56	.70	12.00	12.00	6.00	6.29	68 A
Southern States Cooperative Quality Open Formula 2–12–6	Baltimore	2.00	2.04	1.20	1.04	.80	1.00	.90	12.00	12.30	6.00	6.36	187 B
Southern States Cooperative Quality Open Formula 2–12–6	Hampstead	2.00	2.05	1.20	.95	.80	1.10	.90	12.00	12.40	6.00	6.24	97 B
Southern States Cooperative Quality Open Formula 2–12–6	Baltimore	2.00	2.12	1.20	1.08	.80	1.04	.90	12.00	12.50	6.00	6.21	84 B
Southern States Cooperative Quality Open Formula 2–12–6	Baltimore	2.00	2.04	1.20	.98	.80	1.06	.50	12.00	12.30	6.00	6.40	178 B
Southern States Cooperative Quality Open Formula 2–12–6	Hagerstown	2.00	1.99	1.20	1.20	.80	.79	1.10	12.00	12.20	6.00	6.21	133 B
Southern States Cooperative Quality Open Formula 2–12–6	Baltimore	2.00	2.01	1.20	1.10	.80	.91	.90	12.00	12.10	6.00	6.21	146 B

Southern States Cooperative Quality Open Formula 2–12–6	Baltimore	2.00	**2.01**	1.20	**1.10**	.80	**.91**	**.90**	12.00	**12.10**	6.00	**6.21**	146 B
Southern States Cooperative Quality Open Formula 2–12–4	Baltimore	2.00	**1.97**	1.20	**1.04**	.80	**.93**	**.80**	12.00	**12.50**	4.00	**4.74**	212 B
Southern States Cooperative Quality Open Formula 2–12–4	Brunswick	2.00	**1.97**	1.20	**1.04**	.80	**.93**	**.60**	12.00	**11.90**	4.00	**4.97**	288 B
Southern States Cooperative Quality Open Formula 2–12–4	Baltimore	2.00	**1.88**	1.20	**.90**	.80	**.98**	**1.00**	12.00	**12.10**	4.00	**5.04**	300 B
Southern States Cooperative Quality Open Formula 2–9–5	Baltimore	2.00	**2.01**	1.20	**1.18**	.80	**.83**	**.90**	9.00	**9.50**	5.00	**5.28**	458 B
Southern States Cooperative Quality Open Formula 2–9–5	Frederick	2.00	**1.83**	1.20	**1.10**	.80	**.73**	**.50**	9.00	**9.00**	5.00	**5.00**	506 B
Southern States Cooperative Quality Open Formula 2–9–5	Westminster	2.00	**2.01**	1.20	**1.18**	.80	**.83**	**.80**	9.00	**9.60**	5.00	**5.16**	370 B
Southern States Cooperative Quality Big Yield 2–9–5	Hampstead	2.00	**2.01**	1.50	**1.49**	.50	**.52**	**.70**	9.00	**9.50**	5.00	**5.40**	37 A
Southern States Cooperative Quality Big Yield 2–9–5	Owings Mills	2.00	**2.02**	1.50	**1.46**	.50	**.56**	**.70**	9.00	**9.50**	5.00	**5.60**	67 A
Southern States Cooperative Quality Big Yield 2–9–5	Baltimore	2.00	**1.97**	1.50	**1.54**	.50	**.43**	**.60**	9.00	**9.50**	5.00	**5.36**	62 A
Southern States Cooperative Quality Big Yield 2–9–5	Taneytown	2.00	**2.08**	1.50	**1.48**	.50	**.60**	**.50**	9.00	**9.10**	5.00	**5.12**	3 A
Southern States Quality Raw Bone Meal 3.70–T.P.A. 20–0	Hagerstown	3.70	**3.79**	.....	.....	.....	.....	.....	*20.00	*24.50	.....	.....	.....
Southern States Cooperative Quality Open Formula 0–10–10	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	10.00	**10.00**	10.00	**10.40**	.....
Southern States Cooperative Quality Open Formula 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	12.00	**12.10**	5.00	**5.59**	.....
Southern States Cooperative Quality Open Formula 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**1.20**	12.00	**12.10**	5.00	**5.01**	.....
Southern States Cooperative Quality Open Formula 0–12–5	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	12.00	**12.00**	5.00	**5.60**	.....
Southern States Cooperative Quality Open Formula 0–12–5	Brunswick	.....	.....	.....	.....	.....	.....	**1.00**	12.00	**11.80**	5.00	**5.40**	.....
Southern States Cooperative Quality Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.50**	20.00	**20.10**	.....	.....	.....
Southern States Cooperative Quality Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.10**	20.00	**20.20**	.....	.....	.....
Southern States Cooperative Quality Superphosphate 0–20–0	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	20.00	**20.70**	.....	.....	.....
Southern States Cooperative Quality Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.40**	16.00	**16.20**	.....	.....	.....

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Southern States Cooperative Quality Superphosphate 0–16–0	Baltimore							**1.50**	16.00	**16.60**			
Southern States Cooperative Quality Superphosphate 0–16–0	Baltimore							**1.10**	16.00	**16.40**			
Southern States Cooperative Quality Limed Superphosphate 0–16–0	Baltimore							**1.70**	16.00	**16.00**		†**30.60**	
Southern States Cooperative Quality Limed Superphosphate 0–16–0	Hagerstown							**1.70**	16.00	**15.90**		†**28.75**	
Southern States Cooperative Quality Limed Superphosphate 0–16–0	Baltimore							**2.00**	16.00	**15.00**		†**30.30**	
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.													
Standard 3–12–6	Baltimore	3.00	**3.00**	2.40	**2.34**	.60	**.66**	**1.10**	12.00	**12.10**	6.00	**6.13**	243 A
Standard 2–12–6	Baltimore	2.00	**2.05**	1.60	**1.57**	.40	**.48**	**1.00**	12.00	**12.20**	6.00	**6.60**	56 A
Standard 2–12–4	Baltimore	2.00	**2.01**	1.60	**1.49**	.40	**.52**	**.60**	12.00	**12.50**	4.00	**4.76**	124 A
Standard 2–12–4	Baltimore	2.00	**2.08**	1.60	**1.61**	.40	**.47**	**.90**	12.00	**12.40**	4.00	**4.89**	74 A
Standard 2–9–5	Baltimore	2.00	**2.08**	1.60	**1.60**	.40	**.48**	**1.00**	9.00	**9.10**	5.00	**5.34**	87 A
Standard 2–9–5	Baltimore	2.00	**2.01**	1.60	**1.45**	.40	**.56**	**.50**	9.00	**9.20**	5.00	**5.28**	61 A
Standard 2–8–10	Baltimore	2.00	**2.15**	1.60	**1.71**	.40	**.44**	**.60**	8.00	**8.30**	10.00	**11.00**	9 A
Standard 2–8–10	Baltimore	2.00	**2.11**	1.60	**1.63**	.40	**.48**	**.70**	8.00	**8.00**	10.00	**10.80**	120 A
‡Standard 1–10–5	Denton	1.00	**1.18**	.80	**.84**	.20	**.34**	**1.20**	10.00	**10.20**	5.00	**5.40**	19 B
Standard Raw Bone Meal 3.70–T.P.A. 22–0	Baltimore	3.70	**3.76**						*22.00	*21.70			
Standard Steamed Bone Meal 2.47–T.P.A. 22–0	Baltimore	2.47	**3.13**						*22.00	*24.30			
Standard 0–10–10	Baltimore							**.60**	10.00	**11.40**	10.00	**10.32**	
Standard 0–10–10	Baltimore							**.40**	10.00	**10.40**	10.00	**10.60**	
Standard 0–12–5	Baltimore							**1.20**	12.00	**12.10**	5.00	**5.54**	
Standard 0–12–5	Baltimore							**.70**	12.00	**12.20**	5.00	**5.40**	
Standard 0–12–5	Baltimore							**.80**	12.00	**12.30**	5.00	**5.28**	
Standard Superphosphate 0–20–0	Baltimore							**.20**	20.00	**20.00**			
Standard Superphosphate 0–16–0	Baltimore							**1.00**	16.00	**16.60**			
Standard Superphosphate 0–16–0	Baltimore							**.80**	16.00	**16.70**			
Standard Superphosphate 0–16–0								**.80**	16.00	**16.10**			

Standard Superphosphate 0–20–0	Baltimore							.20	20.00	20.00					
Standard Superphosphate 0–16–0	Baltimore							1.00	16.00	16.60					
Standard Superphosphate 0–16–0	Baltimore							.80	16.00	16.70					
Standard Superphosphate 0–16–0	Baltimore							.80	16.00	16.10					
Summers Fertilizer Co., Inc., Baltimore, Md.															
3–12–6 Fertilizer	Jessups	3.00	3.03					1.10	12.00	12.80	6.00	6.32			
‡2–12–6 Fertilizer	Baltimore	2.00	1.97	1.75	1.38	.25	.59	2.10	12.00	13.30	6.00	6.91	96 B		
2–12–4 Fertilizer	Reisterstown	2.00	2.02					1.00	12.00	12.10	4.00	4.34			
2–12–4 Fertilizer	Sykesville	2.00	1.99					1.00	12.00	12.00	4.00	4.70			
2–12–4 Fertilizer	Baltimore	2.00	1.98	1.75	1.38	.25	.50	2.60	12.00	13.40	4.00	4.60	111 B		
2–12–4 Fertilizer	College Park	2.00	2.12	1.75	1.46	.25	.66	1.10	12.00	12.50	4.00	4.38	198 B		
2–12–4 Fertilizer	Cambridge	2.00	2.13					1.10	12.00	12.10	4.00	4.40			
2–12–4 Fertilizer	Baltimore	2.00	2.08	1.75	1.61	.25	.47	2.40	9.00	10.60	5.00	5.60	345 B		
2– 9–5 Fertilizer	Baltimore							1.20	20.00	20.20					
‡Superphosphate 0–20–0	Reisterstown							.80	16.00	16.80					
Superphosphate 0–16–0															
Swift & Co. Fertilizer Works, Baltimore, Md.															
Swift's Red Steer 5–10–5	Baltimore	5.00	4.86	3.75	3.61	1.25	1.25	.60	10.00	10.60	5.00	5.20	79 A		
Virgoro 4–12–4	Baltimore	4.00	4.37	4.00	4.32	0.00	.05	.80	12.00	12.80	4.00	4.19			
Swift's Red Steer 3–12–6	Baltimore	3.00	3.23	2.40	2.74	.60	.49	1.20	12.00	12.00	6.00	6.36	36 B		
Swift's Red Steer 3–12–6	Hagerstown	3.00	3.17	2.40	2.64	.60	.53	1.20	12.00	12.30	6.00	5.82	22 A		
Swift's Red Steer 2–12–6	Baltimore	2.00	2.08	1.50	1.61	.50	.47	1.00	12.00	12.10	6.00	6.60	13 B		
Swift's Red Steer 2–12–6	Baltimore	2.00	1.97	1.50	1.44	.50	.53	.90	12.00	12.10	6.00	6.78	0		
Swift's Red Steer 2–12–4	Baltimore	2.00	2.02	1.50	1.57	.50	.45	1.10	12.00	12.10	4.00	4.42	58 A		
Swift's Red Steer 2–12–4	Hagerstown	2.00	2.06	1.50	1.54	.50	.52	1.20	12.00	12.00	4.00	4.96	27 B		
Swift's Red Steer 2–9–5	Baltimore	2.00	2.01	1.50	1.52	.50	.49	.70	9.00	9.50	5.00	5.28	7 A		
Swift's Red Steer 2–9–5	Baltimore	2.00	1.99	1.50	1.46	.50	.53	.70	9.00	9.80	5.00	5.35	14 B		
Swift's Red Steer 2–9–5	Hagerstown	2.00	1.99	1.50	1.54	.50	.45	1.00	9.00	9.30	5.00	5.12	4 A		
Swift's Red Steer 2–8–10	Baltimore	2.00	1.98	1.50	1.54	.50	.44	.60	8.00	8.10	10.00	10.08	77 B		
Bone Meal Fertilizer 2.47–T.P.A. 23–0	Baltimore	2.47	2.50						*23.00	*25.00					
Swift's Sheep Manure 1.85–T.P.A. 1–1.75	Hagerstown	1.85	1.94						*1.00	*1.40	1.75	2.85			
Swift's Sheep Manure 1.85–T.P.A. 1–1.75	Baltimore	1.85	1.70						*1.00	*1.20	1.75	2.17			
Swift's Red Steer 0–10–10	Baltimore							.60	10.00	10.00	10.00	10.50			
Swift's Red Steer 0–12–5	Baltimore							.70	12.00	12.30	5.00	5.51			
Swift's Red Steer 0–12–5	Baltimore							.30	12.00	12.10	5.00	5.43			
Swift's Red Steer 0–12–5	Hagerstown							.80	12.00	11.90	5.00	5.40			
Swift's Red Steer Superphosphate 0–16–0	Baltimore							1.10	16.00	16.10					
Swift's Red Steer Superphosphate 0–16–0	Hagerstown							.70	16.00	16.40					
‡Swift's Red Steer Lime Phosphate 0–16–0	Hagerstown							.50	16.00	16.40		†24.05			
Tennessee Corp., Lockland, Ohio															
Loma 5–10–4	Baltimore	5.00	5.14	4.00	4.18	1.00	.96	.30	10.00	10.00	4.00	4.34			

* Total Phosphoric Acid. † Calcium Oxide. ‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Thomas & Co., Frederick, Md.													
Sure Crop 2–12–6	Gaithersburg	2.00	**1.76**	1.60	**1.35**	.40	**.41**	**1.00**	12.00	**12.50**	6.00	**8.24**	24 B
Wheat and Grass Grower 2–9–5	Gaithersburg	2.00	**1.77**	1.80	**1.43**	.20	**.34**	**.80**	9.00	**9.30**	5.00	**5.70**	319 B
Wheat and Grass Grower 2–9–5	Gaithersburg	2.00	**2.05**	1.80	**1.79**	.20	**.26**	**.90**	9.00	**9.50**	5.00	**6.60**	257 B
Harvest Queen 1–10–5	Gaithersburg	1.00	**1.17**	.80	**.88**	.20	**.29**	**1.40**	10.00	**11.40**	5.00	**4.81**	263 B
Rock and Potash 0–12–5	Gaithersburg	.....	.....	.....	.....	.....	.....	**1.50**	12.00	**15.10**	5.00	**5.04**	.....
Superphosphate 0–16–0	Gaithersburg	.....	.....	.....	.....	.....	.....	**1.50**	16.00	**15.00**	.....	.....	.....
Thomas Supply Co., Adamstown, Md.													
Thomas 2–12–6	Baltimore	2.00	**1.99**	1.60	**1.01**	.40	**.98**	**.90**	12.00	**12.10**	6.00	**6.17**	139 B
Thomas 2–12–6	Baltimore	2.00	**2.15**	1.60	**1.52**	.40	**.63**	**.50**	12.00	**12.00**	6.00	**6.17**	26 A
Thomas Wheat Special 2–9–5	Baltimore	2.00	**2.11**	1.60	**1.50**	.40	**.61**	**.50**	9.00	**9.90**	5.00	**5.48**	46 B
Thomas Wheat Special 2–9–5	Baltimore	2.00	**2.05**	1.60	**1.50**	.40	**.55**	**.70**	9.00	**9.40**	5.00	**5.35**	78 A
Thomas Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.00**	16.00	**16.40**	.....	.....	.....
Thomas Superphosphate 0–16–0	Baltimore	.....	.....	.....	.....	.....	.....	**1.30**	16.00	**16.10**	.....	.....	.....
I. P. Thomas & Son Co., Camden, N. J.													
Royal Guano 4–8–5 Non-Acid	Denton	4.00	**4.04**	3.20	**2.71**	.80	**1.33**	**.80**	8.00	**8.30**	5.00	**5.35**	28 B
‡I. P. Thomas Wheat Special 2–12–8	Denton	2.00	**2.13**	1.10	**1.07**	.90	**1.06**	**2.00**	12.00	**11.90**	8.00	**8.34**	57 A
Champion Special 2–12–6	Denton	2.00	**2.16**	1.40	**1.05**	.60	**1.11**	**1.70**	12.00	**12.60**	6.00	**6.38**	90 A
Farmers Choice 2–12–4	Denton	2.00	**2.12**	1.70	**1.24**	.30	**.88**	**1.40**	12.00	**12.20**	4.00	**4.66**	81 A
Victor Potash Fertilizer 2–9–5	Denton	2.00	**1.99**	1.70	**1.32**	.30	**.67**	**1.60**	9.00	**8.70**	5.00	**5.38**	68 A
I. P. Thomas 2–8–10	Denton	2.00	**2.15**	1.70	**1.12**	.30	**1.03**	**1.00**	8.00	**8.20**	10.00	**10.50**	0
I. P. Thomas 1–10–5	Denton	1.00	**1.21**	.90	**.74**	.10	**.47**	**.90**	10.00	**11.30**	5.00	**5.62**	17 B
‡Pure Ground Bone 2.45–T.P.A. 23–0	Denton	2.45	**2.51**	.....	.....	.....	.....	.....	*23.00	*24.00	.....	.....	.....
Dairymen's Special 0–10–10	Denton	.....	.....	.....	.....	.....	.....	**1.10**	10.00	**10.10**	10.00	**10.16**	.....
Potash Mixture 0–12–5	Denton	.....	.....	.....	.....	.....	.....	**1.20**	12.00	**12.10**	5.00	**5.44**	.....
‡Superphosphate 0–20–0	Denton	.....	.....	.....	.....	.....	.....	**1.10**	20.00	**18.90**	.....	.....	.....
Superphosphate 0–16–0	Denton	.....	.....	.....	.....	.....	.....	**1.90**	16.00	**16.20**	.....	.....	.....

Wm. B. Tilghman Co., Frederick, Md.													
Tilghman's Early Truck 4–8–5	Federalsburg	4.00	**4.21**	3.20	**3.20**	.80	**1.01**	**.70**	8.00	**8.60**	5.00	**5.67**	25 A
‡Tilghman's Wheat Mixture 2–12–6	Salisbury	2.00	**2.13**	1.60	**1.38**	.40	**.75**	**1.00**	12.00	**12.80**	6.00	**6.05**	39 A
Tilghman's Standard 2–9–5	Salisbury	2.00	**2.13**	1.60	**1.60**	.40	**.53**	**.60**	9.00	**9.90**	5.00	**5.40**	43 B
Tilghman's S. P. 2–8–10	Federalsburg	2.00	**2.27**	1.60	**1.70**	.40	**.57**	**.60**	8.00	**8.30**	10.00	**10.50**	27 B
Tilghman's S. P. 2–8–10	Salisbury	2.00	**2.37**	1.60	**1.83**	.40	**.54**	**.60**	8.00	**8.80**	10.00	**10.24**	13 B
Tilghman's Grain Fertilizer 1–10–5	Salisbury	1.00	**1.38**	.80	**.95**	.20	**.43**	**1.10**	10.00	**10.50**	5.00	**5.50**	425 B
Tilghman's Ten-Ten 0–10–10	Salisbury	.....	.....	.....	.....	.....	.....	**.70**	10.00	**10.70**	10.00	**10.40**	.....
Tilghman's Phosphate and Potash 0–12–5	Salisbury	.....	.....	.....	.....	.....	.....	**.80**	12.00	**11.40**	5.00	**5.01**	.....
Tilghman's Superphosphate 0–16–0	Salisbury	.....	.....	.....	.....	.....	.....	**.80**	16.00	**16.90**	.....	.....	.....
F. W. Tunnell & Co., Inc., Philadelphia, Pa.													
Tunnell's Fertilizer 4–8–10	Colora	4.00	**3.99**	3.00	**2.90**	1.00	**1.09**	**1.50**	8.00	**7.90**	10.00	**10.50**	59 A
Tunnell's Fertilizer 3–12–6	Colora	3.00	**3.31**	2.25	**2.13**	.75	**1.18**	**1.80**	12.00	**11.60**	6.00	**6.36**	154 A
Tunnell's Fertilizer 3–12–6	Colora	3.00	**3.17**	2.25	**2.11**	.75	**1.06**	**2.00**	12.00	**10.80**	6.00	**6.36**	144 A
Tunnell's Fertilizer 2–12–6	Queen Anne	2.00	**2.37**	1.50	**1.63**	.50	**.74**	**.60**	12.00	**13.10**	6.00	**6.50**	27 A
Tunnell's Fertilizer 2–9–5	Queen Anne	2.00	**2.16**	1.00	**1.21**	1.00	**.95**	**.60**	9.00	**9.60**	5.00	**5.17**	55 B
Tunnell's Fertilizer 2–9–5	Colora	2.00	**2.01**	1.00	**1.10**	1.00	**.91**	**.70**	9.00	**9.70**	5.00	**5.28**	73 B
Tunnell's Fertilizer 2–9–5	Colora	2.00	**2.43**	1.00	**1.23**	1.00	**1.20**	**1.50**	9.00	**8.70**	5.00	**5.35**	16 B
Tunnell's Fertilizer 2–8–10	Colora	2.00	**2.22**	1.00	**1.36**	1.00	**.86**	**1.00**	8.00	**8.30**	10.00	**10.16**	2 A
Tunnell's Fertilizer 2–8–10	Colora	2.00	**2.32**	1.00	**1.26**	1.00	**1.06**	**.90**	8.00	**8.20**	10.00	**10.08**	43 B
‡Superphosphate 0–20–0	Colora	.....	.....	.....	.....	.....	.....	**.20**	20.00	**20.50**	.....	.....	.....
Valliant Fertilizer Co., Laurel, Del.													
Diamond 2–9–5	.....	2.00	**2.04**	1.80	**1.74**	.20	**.30**	**1.20**	9.00	**9.30**	5.00	**5.40**	48 B
Gem 2–8–10	.....	2.00	**2.12**	1.70	**1.87**	.30	**.25**	**.70**	8.00	**8.00**	10.00	**10.60**	59 B
E. S. Valliant & Son., Centreville, Md.													
Valliant's 2–12–10	Centreville	2.00	**2.15**	1.40	**1.54**	.60	**.61**	**.80**	12.00	**12.00**	10.00	**10.16**	25 B
Excelsior 2–12–6	Centreville	2.00	**2.05**	1.50	**1.66**	.50	**.39**	**.60**	12.00	**12.20**	6.00	**6.05**	45 B
Valliant's 2–12–4	Kennedysville	2.00	**2.13**	1.65	**1.68**	.35	**.45**	**.70**	12.00	**12.00**	4.00	**6.17**	99 B
Keystone 2–9–5	Kennedysville	2.00	**2.43**	1.70	**1.91**	.30	**.52**	**.50**	9.00	**9.00**	5.00	**5.67**	74 B
Keystone 2–9–5	Centreville	2.00	**2.01**	1.70	**1.70**	.30	**.31**	**.60**	9.00	**9.30**	5.00	**5.20**	66 B
Winner 2–8–10	Centreville	2.00	**1.83**	1.60	**1.45**	.40	**.38**	**.50**	8.00	**8.90**	10.00	**10.40**	96 B
Winner 2–8–10	Kennedysville	2.00	**2.27**	1.60	**1.91**	.40	**.36**	**.40**	8.00	**9.00**	10.00	**10.32**	43 B
Animal Base Brand 1–10–5	Centreville	1.00	**1.22**	.80	**.84**	.20	**.38**	**.60**	10.00	**10.00**	5.00	**5.40**	154 B
Valliant's 0–12–10	Centreville	.....	.....	.....	.....	.....	.....	**.50**	12.00	**12.00**	10.00	**12.10**	.....
Grower 0–10–10	Centreville	.....	.....	.....	.....	.....	.....	**.80**	10.00	**10.00**	10.00	**10.54**	.....
Grower 0–10–10	Kennedysville	.....	.....	.....	.....	.....	.....	**.90**	10.00	**10.00**	10.00	**10.80**	.....

* Total Phosphoric Acid. ‡ Not licensed at time of sampling.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Ideal 0–12–6	Centreville							.50	12.00	**11.70**	6.00	**7.57**	
Harvest 0–12–5	Centreville							.50	12.00	**12.10**	5.00	**5.55**	
Harvest 0–12–5	Kennedysville							.60	12.00	**12.60**	5.00	**5.35**	
Superphosphate 0–16–0	Kennedysville							.20	16.00	**18.80**			
Virginia-Carolina Chemical Corp., Balto., Md.													
V-C. Fertilizer 2–12–4	Baltimore	2.00	**2.09**	1.50	**1.45**	.50	**.64**	.70	12.00	**12.70**	4.00	**4.26**	30 B
V-C. Fish and Potash Mixture 2–9–5	Pocomoke City	2.00	**2.16**	1.50	**1.72**	.50	**.44**	.50	9.00	**9.40**	5.00	**5.00**	24 B
V-C. Fish and Potash Mixture 2–9–5	Baltimore	2.00	**1.97**	1.50	**1.13**	.50	**.84**	**1.20**	9.00	**9.50**	5.00	**5.40**	41 B
V-C. Fertilizer 2–8–10	Pocomoke City	2.00	**1.97**	1.50	**1.21**	.50	**.76**	.40	8.00	**8.00**	10.00	**10.44**	74 B
V-C. Fertilizer 0–10–10	Baltimore							.90	10.00	**10.40**	10.00	**10.24**	
V-C. Superphosphate 0–16–0	Baltimore							**1.50**	16.00	**16.00**			
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.													
Bovung 2–T.P.A. 2–2	Baltimore	2.00	**1.71**	0.00	**.04**	2.00	**1.67**		*2.00	***2.50**	2.00	**2.94**	
Westminster Fertilizer Co., Westminster, Md.													
2–12–6	Westminster	2.00	**2.05**	1.40	**1.61**	.60	**.44**	.70	12.00	**10.20**	6.00	**6.13**	42 B
2–9–5 Fertilizer	Westminster	2.00	**2.08**	1.40	**1.73**	.60	**.35**	.70	9.00	**10.20**	5.00	**6.20**	71 B
Leader 1–10–5	Westminster	1.00	**1.32**	.50	**.88**	.50	**.44**	.70	10.00	**11.10**	5.00	**5.74**	82 A
A. S. Woolley Co., Inc., Seaford, Del.													
Woolley's Success Fertilizer 2–9–5		2.00	**2.18**	1.60	**1.71**	.40	**.47**	.70	9.00	**10.20**	5.00	**4.50**	87 B
Woolley's 5% Potash Mixture 0–12–5								.70	12.00	**12.20**	5.00	**4.66**	
Worcester Fertilizer Co., Snow Hill, Md.													

Worcester Fertilizer Co., Snow Hill, Md.													
Worcester's Correct Plant Food Mixture 4–8–5	Princess Anne	4.00	**3.85**	2.80	**2.57**	1.20	**1.28**	**.80**	8.00	**8.10**	5.00	**5.32**	65 A
Worcester's Correct Plant Food Mixture 3–8–10	Snow Hill	3.00	**3.06**	2.10	**2.11**	.90	**.95**	**.30**	8.00	**8.10**	10.00	**10.08**	93 A
Worcester's Correct Plant Food Mixture 3–8–10	Princess Anne	3.00	**3.20**	2.10	**2.20**	.90	**1.00**	**.60**	8.00	**8.00**	10.00	**10.08**	86 A
‡Worcester's Correct Plant Food Mixture 2–12–6	Snow Hill	2.00	**2.32**	1.60	**1.68**	.40	**.64**	**.70**	12.00	**12.30**	6.00	**6.50**	128 A
Worcester's Correct Plant Food Mixture 2–9–5	Snow Hill	2.00	**2.04**	1.60	**1.47**	.40	**.57**	**.80**	9.00	**9.30**	5.00	**5.28**	41 A
Worcester's Correct Plant Food Mixture 2–9–5	Princess Anne	2.00	**1.99**	1.60	**1.54**	.40	**.45**	**.70**	9.00	**9.50**	5.00	**5.38**	56 A
Worcester's Correct Plant Food Mixture 2–8–10	Snow Hill	2.00	**2.22**	1.40	**1.49**	.60	**.73**	**.60**	8.00	**8.30**	10.00	**10.16**	31 A
‡Worcester's Correct Plant Food Mixture 0–10–10	Snow Hill	.....	.....	.....	.....	.....	.....	**.70**	10.00	**10.80**	10.00	**10.70**	.....
‡Worcester's Correct Plant Food Mixture 0–12–5	Snow Hill	.....	.....	.....	.....	.....	.....	**.80**	12.00	**13.20**	5.00	**4.58**	.....
‡Superphosphate 0–20–0	Snow Hill	.....	.....	.....	.....	.....	.....	**.30**	20.00	**21.00**	.....	.....	.....
Superphosphate 0–16–0	Snow Hill	.....	.....	.....	.....	.....	.....	**1.10**	16.00	**17.10**	.....	.....	.....

* Total Phosphoric Acid.

‡ Not licensed at time of sampling.

FEED ANALYSES

(A) General Feeds

(B) Dog Feeds

(C) Mineral Mixtures

The results obtained in the chemical and microscopical examination of feeds, dog feeds, and mineral mixtures, are found on pages .. to ... Feeds are considered seriously deficient as regards chemical analysis when they are one per cent or more deficient in protein, or one-half of one per cent deficient in fat.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
E. T. Allen Co., Atlanta, Ga.	
Empire 41% Protein Cottonseed Meal	Keymar
Empire 41% Protein Cottonseed Meal	Gaithersburg
G. A. Allender, Elkton, Md.	
*Dandy 24% Dairy Feed	Elkton
Dandy 16% Dairy Feed	Elkton
Dandy Laying Mash	Elkton
Dandy Starting and Growing Mash	Elkton
C. L. Alexander, New Windsor, Md.	
*Sam's Creek Laying Mash	New Windsor
Allied Mills, Inc., Chicago, Ill.	
‡Brewers' Dried Grains	Westminster
‡Brewers' Dried Grains	Westminster
Brewers' Dried Grains	Middleburg
Wayne 32% Farm Mix Dairy Feed	Federalsburg
Wayne 32% Farm Mix Dairy Feed	Maugansville
Amco 24% Dairy Ration	Grantsville
Wayne 24% Dairy Feed	Cumberland
Amco 20% Dairy Ration	Grantsville
Empire 20% Dairy Ration	Maugansville
Empire 16½% Dairy Ration	Maugansville
Wayne 26% Mash Supplement	Maugansville
Empire Egg Mash	Maugansville
Topper Egg Mash, with Sardine Oil	Federalsburg
Wayne Egg and Breeder Mash, with Sardine Oil	Maugansville
Empire Growing Mash, with Sardine Oil	Federalsburg
Wayne Growing Mash	Maugansville
Wayne Broiler Ration	Maugansville
Wayne Hog Supplement	Maugansville
Wayne Pig Starter	Maugansville
Wayne Pork Maker	Cumberland
Wayne Calf Meal	Federalsburg
Wayne Turkey Growing Mash, with Sardine Oil	Federalsburg
Wayne Turkey Growing Mash	Federalsburg
Wayne Turkey Starting Mash	Federalsburg
American Maize-Products Co., New York, N. Y.	
Cream of Corn Gluten Feed	Gaithersburg
American Rice Milling Co., Crowley, La.	
Mill Run Rice Bran	Baltimore
American Stores Co., Philadelphia, Pa.	
Farmdale Laying Mash, with Cod Liver Oil	Baltimore
Farmdale Starting and Growing Mash	Baltimore
Farmdale Chick Grains	Baltimore
Farmdale Scratch Grains	Baltimore

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
8.08	41.00	43.26	5.50	5.47	13.00	11.45	5.95	25.79	As declared on sack.	
7.43	41.00	40.94	5.50	5.54	13.00	11.14	6.83	28.12	" "	
9.60	24.00	21.91	4.00	4.35	11.00	8.60	6.60	48.94	A.	
8.27	16.00	16.64	3.50	4.04	12.00	11.21	6.51	53.33	As declared on sack.	
9.75	20.00	21.59	4.50	5.37	9.00	7.22	9.55	46.52	" "	
10.19	17.00	18.08	3.50	4.53	6.00	5.71	6.55	54.94	" "	
9.79	18.00	18.69	5.00	4.49	8.00	6.69	9.35	50.99	" "	B.
7.73	24.00	25.80	4.50	5.12	18.00	15.36	3.30	42.69	As declared on sack.	C.
7.75	24.00	27.03	4.50	6.96	18.00	16.58	4.10	37.58	" "	C.
7.59	24.00	27.20	4.50	6.09	18.00	13.81	3.70	41.61	" "	C.
9.01	32.00	33.49	4.00	4.94	9.00	8.31	9.13	35.12	" "	
8.09	32.00	33.85	4.00	5.24	9.00	6.81	9.57	36.44	" "	
9.83	24.00	25.66	4.00	4.35	9.00	8.84	6.99	44.33	" "	
8.74	24.00	25.32	4.00	6.50	9.00	9.06	7.79	42.59	" "	
9.97	20.00	23.60	4.00	3.98	9.00	8.94	8.20	45.31	" "	
9.64	20.00	20.28	3.50	4.09	12.00	11.96	8.04	45.99	" "	
10.20	16.50	17.11	3.50	3.32	12.00	13.36	7.86	48.15	" "	
7.68	26.00	27.82	4.00	4.37	10.00	8.34	6.50	45.29	" "	
8.65	16.50	18.08	3.50	4.29	7.00	6.60	7.40	54.98	" "	
9.49	18.00	20.36	3.50	5.19	10.00	6.09	8.75	50.12	" "	
9.45	18.00	19.83	3.50	4.73	7.00	6.77	8.70	50.52	" "	
10.04	16.00	17.90	3.00	3.87	7.00	6.56	9.05	52.58	" "	
8.99	16.00	17.11	4.00	4.27	6.00	5.70	6.60	57.33	" "	
8.90	18.00	18.78	3.50	5.14	8.00	6.14	8.30	52.74	" "	
8.85	40.00	40.98	4.50	5.15	7.00	6.38	15.51	23.13	" "	
8.70	18.00	18.12	3.50	4.51	7.00	5.54	8.75	54.38	" "	
9.50	14.00	14.70	3.50	4.55	7.00	6.10	5.71	59.44	" "	
9.99	24.00	25.54	4.00	4.68	7.00	7.02	8.70	44.07	" "	
9.66	18.00	20.36	3.50	6.29	8.00	6.55	8.75	48.39	" "	
10.14	18.00	21.24	3.50	3.97	8.00	6.68	10.90	47.07	" "	
9.15	25.00	26.15	4.00	6.39	8.00	6.45	11.90	39.96	" "	
9.57	25.00	28.26	2.00	2.31	8.50	6.60	6.00	47.26	" "	
7.67	12.00	12.46	12.00	12.34	12.00	11.73	13.75	42.05	" "	
8.29	20.00	21.59	5.00	5.68	7.00	7.27	8.70	48.47	" "	
9.10	16.00	17.46	4.00	6.46	5.00	6.19	9.95	50.84	" "	
10.05	10.00	12.72	3.00	3.26	3.00	2.05	2.25	69.67	" "	
12.29	10.00	10.09	2.50	2.46	4.00	2.15	1.45	71.56	" "	

A—Ingredients on sack differ from license.
B—Fibre guarantee on sack differ from license.
C—Fat guarantee on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Anderson Grain & Feed Co., York, Pa.	
Anderson 32 Dairy Mixing Ration	Street
Anderson 24 Dairy Feed	Upper Marlboro
Anderson 20 Dairy Feed	Upper Marlboro
Anderson 16 Dairy Feed	Hagerstown
Anderson Laying Mash, with Cod Liver Oil	Hagerstown
Anderson 20 Laying Mash	Jarrettsville
Anderson Growing Mash, with Cod Liver Oil	Jarrettsville
J. T. 85% Horse Feed	Upper Marlboro
Anderson 16 Hog Meal	Hagerstown
Anderson Pigeon Feed, with Corn	Upper Marlboro
Anheuser-Busch, Inc., St. Louis, Mo.	
Budweiser Brand Brewers' Dried Grains	Washington Grove
Anne Arundel County Farmers' Association, Brooklyn, Baltimore, Md.	
*Anarco 26% Dairy Feed	Baltimore
Anarco Egg Mash, with BM. and Cod Liver Oil	Baltimore
*Anarco Hog Feed	Baltimore
Arcady Farms Milling Co., Chicago, Ill.	
‡Arcady 32% Dairy Feed	Unionville
‡Peerless Milk Ration	Unionville
Sunkist Egg Mash	Unionville
‡Sunkist Growing Mash	Unionville
‡Wonder 40% Hog Supplement	Unionville
‡Wonder 20% Pig Starter	Unionville
‡Wonder 18% Hog Feed	Unionville
‡Arcady Wonder Starting Mash	Unionville
‡Sunkist Starting Mash	Unionville
‡Sunkist All Mash Starter and Grower	Unionville
‡Sunkist Chick Grains	Unionville
‡Arcady Developing Grains	Unionville
‡Wonder Turkey Starting Mash	Unionville
Archer-Daniels-Midland Co., Minneapolis, Minn.	
44% Protein New Process Soybean Oil Meal	Germantown
Dairyland Dried Skim Milk	Frederick
Ashcraft-Wilkinson Co., Atlanta, Ga.	
‡Peanut Meal	Darlington
Cow-Eta Brand 41% Protein Prime Quality Cotton Seed Meal	Detour
Cow-Eta Brand 41% Protein Prime Quality Cotton Seed Meal	Hagerstown
Atkinson Milling Co., Minneapolis, Minn.	
Atkinson's Wheat Bran, with G. S. N. Ex. M. R.	Laurel
The Atlantic Supply Co., Baltimore, Md.	
*Meat and Bone Scraps	Frederick
Fish Meal	Westminster

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.53	32.00	**33.00**	4.00	**4.59**	10.00	**7.53**	**9.85**	**36.50**	As declared on sack.
8.87	24.00	**26.48**	4.00	**4.69**	12.00	**8.92**	**6.60**	**44.44**	" "
9.00	20.00	**23.30**	4.00	**5.02**	12.00	**8.79**	**7.79**	**46.10**	" "
10.43	16.00	**17.16**	3.50	**4.08**	13.00	**11.84**	**7.86**	**48.63**	" "
9.15	20.00	**22.64**	4.50	**4.91**	8.50	**7.57**	**12.95**	**42.78**	" "
8.57	20.00	**20.09**	4.00	**5.29**	8.00	**7.66**	**11.20**	**47.19**	" "
8.92	17.00	**18.60**	4.00	**5.42**	7.50	**7.19**	**8.50**	**51.37**	" "
10.60	8.00	**9.27**	2.50	**4.41**	12.00	**8.43**	**3.80**	**63.49**	" "
9.04	16.00	**18.92**	4.00	**5.77**	10.00	**7.59**	**8.87**	**49.81**	" "
11.14	12.00	**14.30**	3.00	**4.74**	7.00	**4.45**	**2.50**	**62.87**	" "
6.86	20.00	**23.17**	5.00	**6.54**	20.00	**15.24**	**4.00**	**44.19**	" "
9.11	26.00	**23.87**	5.00	**5.39**	9.00	**7.37**	**5.85**	**48.41**	" "
9.30	22.00	**25.10**	5.00	**5.55**	8.00	**5.55**	**12.50**	**42.00**	" "
9.21	21.00	**22.20**	6.00	**5.28**	7.00	**7.98**	**7.30**	**48.03**	" "
8.01	32.00	**32.14**	3.50	**4.56**	9.00	**8.09**	**9.63**	**37.57**	" "
10.18	20.00	**19.98**	3.00	**3.32**	12.00	**9.53**	**10.36**	**46.63**	" "
8.04	20.00	**19.97**	4.00	**3.89**	8.00	**8.35**	**10.05**	**49.70**	" "
8.18	16.00	**19.83**	4.00	**4.60**	8.00	**8.01**	**12.90**	**46.48**	A.
8.06	40.00	**40.72**	4.50	**4.71**	7.00	**5.44**	**15.31**	**25.76**	As declared on sack.
9.76	20.00	**22.82**	4.00	**3.94**	8.00	**6.42**	**9.10**	**47.96**	" "
10.19	18.00	**20.34**	3.50	**3.87**	8.00	**7.43**	**11.04**	**47.13**	" "
8.61	16.00	**20.42**	4.00	**4.62**	6.50	**5.00**	**8.43**	**52.92**	" "
9.37	15.00	**17.64**	4.00	**3.93**	7.00	**7.04**	**7.50**	**54.52**	A.
8.67	17.00	**21.06**	4.00	**4.33**	8.00	**8.05**	**8.10**	**49.79**	A.
11.69	10.00	**10.97**	2.50	**3.09**	5.00	**1.89**	**3.05**	**69.31**	As declared on sack.
12.01	10.00	**11.41**	2.50	**2.49**	5.00	**2.45**	**1.60**	**70.04**	" "
9.51	24.00	**23.60**	4.50	**4.56**	5.00	**5.35**	**9.80**	**47.18**	A.
9.96	44.00	**46.95**	.50	**.61**	7.00	**5.56**	**6.10**	**30.82**	As declared on sack.
.....	32.00	**35.36**	.50	**x.52**	.....	.....	**7.80**	.....	" "
7.80	52.00	**53.88**	.50	**.85**	5.00	**4.82**	**7.45**	**25.20**	" "
6.25	41.00	**40.98**	5.00	**6.23**	13.00	**13.33**	**6.30**	**26.91**	" "
8.03	41.00	**41.16**	5.00	**8.52**	13.00	**8.28**	**5.90**	**28.11**	" "
9.42	14.00	**18.18**	4.00	**4.23**	12.00	**8.65**	**5.50**	**54.02**	" "
6.07	50.00	**47.21**	8.00	**7.65**	2.00	**2.10**	**36.10**	**.87**	" "
6.89	58.00	**58.97**	6.00	**7.10**	1.00	**.44**	**17.15**	**9.45**	" "

A—Ingredients on sack differ from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Atlantic Supply Co., Baltimore, Md., (Continued)	
Fish Meal	Baltimore
Atlantic Dried Skim Milk	Baltimore
Atlantic Dried Skim Milk	Medford
The Baltimore Feed & Grain Co., Baltimore, Md.	
BBL. 24% Dairy Feed	Baltimore
BBL. 20% Dairy Feed	Baltimore
BBL. 16% Dairy Feed	Baltimore
‡BBL. Midday Ration	La Plata
BBL. Cod Mlk-O-Lay Breeding Mash	Baltimore
BBL. Egg Mash	Baltimore
BBL. Quality Egg Maker Laying Mash	Baltimore
BBL. All Mash Laying Ration	Baltimore
BBL. Growing Mash	Baltimore
BBL. Cod Mlk-O-Gro	Baltimore
BBL. Broiler Feed	Baltimore
BBL. 85% Horse Feed	Baltimore
BBL. 40% Horse Feed	Baltimore
BBL. Hog Feed	Baltimore
BBL. Starter and Grower	Baltimore
BBL. Turkey Mash, with Milk and Cod Liver Oil	Hebron
Barker, Moore & Mein Co., Philadelphia, Pa.	
Barker's Poultry Powder	Sharpsburg
Barker's Poultry Powder	Rising Sun
The Baugh & Sons Co., Baltimore, Md.	
Baugh's 58% Fish Meal	Salisbury
Duplex Egg Producer Pure Meat Scrap	Princess Anne
Baugh's Oldest Brand Meat and Bone Scrap	St. Michaels
Baugh's 45% Meat and Bone Scrap	Denton
Baugh's 24% Dairy Feed	Fredericktown
Baugh's No. 1 Laying Mash	Fredericktown
Baugh's No. 1 Growing Mash	Salisbury
The Beacon Milling Co., Inc., Cayuga, N. Y.	
Beacon Cayuga Laying Mash, with BM	Princess Anne
Beacon Growing Mash	Princess Anne
Beacon Cayuga Growing Mash	Princess Anne
Beacon Fleshing Pellets	Princess Anne
Beacon Broiler Feed	Princess Anne
Beacon Complete Starting Ration	Princess Anne
Beacon Turkey Growing Feed	Princess Anne
Beacon Turkey Starter	Princess Anne
J. P. Bennett & Sons, Mardela Springs, Md.	
Bennett's Best Laying Mash	Mardela Springs
D. M. Laying Mash	Mardela Springs
Bennett's Best Hog Feed	Mardela Springs

‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
8.31	58.00	59.85	6.00	7.42	1.00	.87	14.60	8.95	As declared on sack.	
.....	32.00	33.96	.25	x.45	.....	.....	7.20	.....	"	"
.....	32.00	32.64	.25	x.32	.....	.....	7.75	.....	"	"
9.71	24.00	23.07	4.50	4.53	10.00	9.22	6.43	47.04	"	"
10.11	20.00	20.61	4.50	4.52	12.00	7.18	5.56	52.02	"	"
9.95	16.00	16.04	3.00	3.65	13.00	8.53	6.99	54.84	"	"
9.37	13.00	12.81	5.00	5.39	2.50	4.50	4.75	63.18	B.	
9.61	20.00	19.48	4.00	5.47	6.50	6.48	10.25	48.71	As declared on sack.	
9.86	20.00	21.32	4.50	4.86	9.00	7.88	6.36	49.72	"	"
9.45	20.00	20.62	4.00	5.67	7.00	7.08	10.30	46.88	C.	
9.81	15.00	17.29	4.00	4.73	5.50	4.34	7.38	56.45	As declared on sack.	
9.15	18.00	18.52	5.00	5.01	8.50	9.35	9.50	48.47	"	"
9.79	18.00	19.13	4.50	5.45	6.50	6.39	8.40	50.84	"	"
9.23	18.00	19.13	4.50	5.86	6.00	6.55	7.60	51.63	"	"
10.11	9.00	9.88	3.00	3.45	9.00	5.73	2.28	68.55	"	"
10.91	7.00	9.55	2.50	3.25	13.00	6.79	5.04	64.46	"	"
9.81	18.00	18.25	4.50	4.50	8.00	8.01	7.80	51.63	"	"
9.50	17.50	18.78	4.00	5.65	5.00	4.91	7.84	53.32	"	"
9.21	21.00	21.94	5.00	5.59	7.00	7.88	4.35	51.03	"	"
7.79	15.00	18.95	3.50	6.48	16.00	10.57	22.50	33.71	"	"
7.29	15.00	20.18	3.50	3.89	16.00	9.52	25.00	34.12	"	"
6.09	58.00	59.23	5.00	7.05	3.00	.29	15.50	11.84	"	"
6.37	55.00	54.23	6.00	9.29	3.00	3.32	25.85	.94	"	"
6.41	50.00	50.63	6.00	9.09	3.00	2.89	30.90	.08	"	"
6.60	45.00	45.37	6.00	8.61	3.00	2.21	35.20	2.01	"	"
8.11	24.00	24.58	4.00	4.06	10.00	9.52	5.64	48.09	"	"
9.68	20.00	20.27	4.00	5.00	7.00	7.97	8.80	48.28	"	"
10.24	16.00	16.06	4.00	4.17	7.00	7.55	7.90	54.08	"	"
7.06	20.00	19.94	4.00	5.48	7.00	7.21	10.40	49.91	"	"
8.37	18.00	18.08	4.00	5.17	7.00	7.69	10.50	50.19	"	"
10.27	16.00	17.11	4.00	6.08	7.00	7.34	10.05	49.15	"	"
10.36	15.00	15.88	3.50	4.04	5.00	6.74	6.00	56.98	"	" D.
9.36	17.00	18.34	4.00	5.22	6.00	5.90	9.10	52.08	"	"
8.89	17.50	17.99	4.00	5.63	6.00	6.07	8.60	52.82	"	"
9.68	20.00	21.59	4.00	4.15	7.00	6.69	9.25	48.64	"	"
9.40	24.00	23.96	4.00	4.69	6.00	4.53	10.75	46.67	"	"
9.89	20.00	20.97	4.00	4.85	9.00	6.64	11.35	46.30	"	"
4.13	20.00	21.76	4.00	4.20	9.00	6.54	10.10	53.27	"	"
5.06	16.00	18.95	4.00	3.81	10.00	6.51	10.20	55.47	"	"

B—Unable to detect Wheat Bran—also detected Wheat Middlings.
C—Also detected Soybean Oil Meal.
D—Fibre guarantee on sack differs from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Berlin Feed Store, Berlin, Md.	
B.F.S. Laying Mash, with Dried Milk and Cod Liver Oil	Berlin
B.F.S. Growing Mash, with Dried Milk and Cod Liver Oil	Berlin
Berlin Milling Co., Inc., Salisbury, Md.	
Economy Laying Mash	Salisbury
Economy Starter and Broiler Mash	Salisbury
Joseph Beste & Son, Wilmington, Del.	
*Beste's Meat and Bone Scrap	Elkton
Geo. W. Biles Co., Inc., Providence, Md.	
Cecil County Laying Mash	Providence
Cecil County Growing Mash	Providence
Binger Bros., Inc., Upper Marlboro, Md.	
Special Egg Mash	Upper Marlboro
Red Star Laying Mash, with BM	Upper Marlboro
Red Star Growing Mash, with BM	Upper Marlboro
Red Star Pig Meal	Upper Marlboro
Red Star Broiler Ration	Upper Marlboro
Red Star Turkey Mash	Upper Marlboro
Bisbee Linseed Co., Inc., Philadelphia, Pa.	
K & M Brand 34% Protein Old Process Linseed Meal	Frederick
Blatchford Calf Meal Co., Waukegan, Ill.	
V-D	Ellicott City
The Borden Co., New York, N. Y.	
"Flaydry"	Baltimore
Bowman Brothers, Gaithersburg, Md.	
Gilt Edge Dairy Feed	Gaithersburg
Gilt Edge Laying Mash	Gaithersburg
*Gilt Edge Hog Feed	Gaithersburg
Pure Wheat Bran	Gaithersburg
*Winter Wheat Middlings M.R.S.	Gaithersburg
Bradley & Baker, Baltimore, Md.	
Bradbake Brand 55% Meat Meal	Baltimore
*Bradbake Brand 55% Meat Meal	Chewsville
Bradbake Brand 55% Meat Meal	Baltimore
Bradbake Brand 50% Meat and Bone Scrap	Frederick
Bradbake Brand 50% Meat and Bone Scrap	Germantown
Bradbake Pure Fish Meal	Westminster
Bradbake Pure Fish Meal	Germantown
Bradbake Pure Fish Meal	Chewsville

* Deficient in protein or fat.

Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients	
8.72	20.00	19.57	4.50	4.45	6.00	6.07	14.95	46.24	As declared on sack.	
8.96	18.00	18.78	4.50	4.46	6.50	5.27	14.00	48.53	"	"
8.64	19.00	18.95	5.00	5.05	6.50	9.43	11.05	46.88	"	"
9.03	18.00	18.43	4.50	4.97	4.50	5.34	11.25	50.98	"	"
5.54	50.00	46.78	6.00	9.40	3.00	1.84	35.05	1.39	"	"
8.64	20.00	21.32	4.00	5.20	8.00	6.48	13.20	45.16	"	"
8.81	16.00	17.20	4.00	3.98	8.00	5.56	12.15	52.30	"	"
9.96	20.00	21.76	4.50	5.96	8.00	7.58	10.10	44.64	"	"
8.86	20.00	20.80	4.50	5.68	7.00	6.81	12.60	45.25	B.	
9.58	16.00	17.20	4.00	6.03	7.00	6.23	9.60	51.36	C.	
10.00	16.00	17.29	4.00	5.21	7.00	7.96	7.85	51.69	As declared on sack.	
11.63	18.00	18.25	5.00	5.32	7.00	7.03	9.85	47.92	"	"
10.11	20.00	20.88	4.50	5.91	7.00	7.15	11.20	44.75	"	"
9.82	34.00	35.80	5.00	6.11	10.00	7.80	5.24	35.23	"	" D.
8.83	31.00	32.12	5.00	6.44	5.75	5.10	9.90	37.61	"	"
.....	18.00	25.27	.50	x1.75	.....	.....	12.78	.....	"	"
7.80	26.00	25.10	5.00	5.87	9.00	10.60	7.95	42.68	E.	
10.48	19.00	19.04	5.00	5.21	6.00	5.47	9.60	50.20	As declared on sack.	
9.85	19.00	16.76	3.00	4.61	8.00	5.34	9.40	54.04	"	"
10.33	13.50	13.51	3.20	3.89	9.27	8.48	5.86	57.93	"	"
11.55	15.00	13.95	4.00	3.87	6.00	3.49	3.14	64.00	"	" F.
6.65	55.00	57.92	6.00	12.45	3.00	1.98	20.85	.15	"	"
7.16	55.00	49.93	6.00	9.84	3.00	1.93	28.35	2.79	G.	
6.16	55.00	55.99	6.00	9.52	3.00	2.55	25.65	.13	As declared on sack.	
6.12	50.00	50.55	6.00	9.09	3.00	2.15	30.70	1.39	"	"
6.41	50.00	50.99	6.00	9.36	3.00	1.79	31.40	.05	"	"
8.16	58.00	58.62	6.00	6.26	3.00	.37	14.10	12.49	"	"
7.99	58.00	63.62	6.00	5.73	3.00	.39	13.80	8.47	"	"
8.25	58.00	58.79	6.00	10.69	3.00	.60	18.10	3.57	"	"

B—Also detected a Mineral Mixture.
C—Ingredients on sack differ from license.
D—Acid Insoluble Ash 0.24%.
E—Unable to detect Peanut Oil Meal.
F—Protein; Fat and Fibre guarantee on sack differ from license.
G—Should be designated as Meat and Bone Scrap.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
C. H. Braun & Sons, Inc., Baltimore, Md.	
Encore Brand 50% Meat and Bone Scrap	Baltimore
Encore Brand 45% Meat and Bone Scrap	Hagerstown
Encore Brand 45% Meat and Bone Scrap	Hagerstown
Encore Brand 60% Digester Tankage	Baltimore
Encore Brand 60% Digester Tankage	Hagerstown
Encore Brand 60% Digester Tankage	Hagerstown
Bridgeville Flour & Feed Mills, Inc., Bridgeville, Del.	
Deleware Laying Mash	
Home Laying Mash	
P. M. Brooks, Chestertown, Md.	
Rose Bud Egg Mash	Chestertown
Hog Feed	Chestertown
Rose Bud Turkey Mash	Chestertown
Rose Bud Sunshine Turkey Grower	Chestertown
Brooks Supply Company, Reisterstown, Md.	
"Brooks Special" Egg Mash	Reisterstown
W. K. Brown, Baltimore, Md.	
Ajax Scratch Feed	Baltimore
Herbert Bryant, Inc., Alexandria, Va.	
50% Meat and Bone Scrap for Poultry	Washington Grove
50% Meat and Bone Scrap for Poultry	Washington Grove
Pure Ground Fish for Poultry	Washington Grove
*‡Digester Tankage	Upper Marlboro
Bryant's Home 32% Dairy Feed	Washington Grove
Bryant's Home 26% Dairy Feed	Washington Grove
Bryant's 20% Prize Winner Dairy Feed	Washington Grove
Bryant's New Deal Laying Mash	Washington Grove
"HB" Laying Mash	Washington Grove
"HB" Growing Mash	Washington Grove
*"HB" Broiler Mash	Washington Grove
"HB" All Mash Turkey Starter and Grower	Washington Grove
C. W. Burckhalter, Inc., New York, N. Y.	
Burck Brand Powdered Skim Milk	Pocomoke City
Burrus Mill & Elevator Co., Fort Worth, Texas.	
Wheat Bran and Screenings	Baltimore
Wheat Gray Shorts	Baltimore
The Cambridge Manufacturing Co., Cambridge, Md.	
New-Vim Dairy Feed	Cambridge
New-Vim Dairy Feed	Cambridge
Gets 'Em Laying Mash	Cambridge
Moore's Laying Mash	Cambridge

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found			
5.04	50.00	49.49	6.00	8.64	3.00	2.03	33.65	1.16	As declared on sack.
5.55	45.00	45.28	6.00	13.63	3.00	2.07	30.35	3.12	" "
5.89	45.00	45.19	6.00	14.00	3.00	1.53	30.20	3.19	" "
7.47	60.00	59.67	6.00	8.65	3.00	1.18	19.85	3.18	" "
7.60	60.00	60.02	6.00	7.57	3.00	1.45	20.50	2.86	" "
9.73	60.00	60.55	6.00	8.13	3.00	1.39	18.45	1.75	" "
9.25	20.00	21.06	4.50	5.38	6.00	4.65	13.70	45.96	" "
8.46	17.00	18.16	4.50	5.66	6.00	4.34	14.30	49.08	" "
8.48	19.00	20.62	4.50	6.15	7.00	5.68	12.70	46.37	" "
9.21	18.00	20.76	4.50	4.99	8.00	7.53	6.60	50.91	" "
7.59	20.00	22.91	4.50	5.31	9.00	6.81	12.50	44.88	" "
8.00	20.00	20.68	5.00	5.27	6.00	5.73	8.65	51.67	" "
8.64	18.00	18.69	4.00	4.98	7.00	7.99	7.40	52.30	A.
10.55	8.00	10.53	2.50	3.17	5.00	3.00	1.84	70.91	As declared on sack.
5.16	50.00	49.76	10.00	10.10	2.00	2.71	32.15	.12	" "
6.26	50.00	49.32	10.00	9.29	2.00	2.25	31.30	1.58	" "
7.86	58.00	60.99	7.00	6.99	1.00	.52	14.10	9.54	" "
7.63	55.00	47.63	7.00	6.98	.50	2.09	38.20	.....	B.
7.86	32.00	35.19	4.00	5.19	9.00	10.56	7.54	33.66	C.
8.63	26.00	29.22	4.00	4.69	9.00	9.91	6.30	41.25	D.
8.12	20.00	21.76	5.00	5.95	12.00	11.07	5.04	48.07	As declared on sack.
8.72	18.00	19.48	4.50	6.85	7.00	8.96	9.48	46.51	" "
9.95	19.00	19.39	5.00	6.13	6.50	6.43	8.70	49.40	C.
9.56	16.00	16.06	4.00	5.81	6.00	6.79	8.05	53.73	As declared on sack.
9.70	20.00	18.95	4.50	4.57	7.00	6.69	7.70	52.39	" "
9.47	22.00	21.41	5.00	5.16	5.00	4.61	9.15	50.20	" "
.....	32.00	34.49	.75	x1.15	.....	.....	7.90	.....	" "
8.49	15.00	16.36	4.00	4.35	10.00	11.20	6.65	52.95	" " E.
10.36	15.00	17.85	4.00	4.34	6.00	6.33	4.60	56.52	F.
10.88	20.00	22.76	4.00	3.98	10.00	8.23	7.93	46.22	As declared on sack.
11.62	16.00	19.58	3.00	2.98	12.00	9.41	6.97	49.44	" "
8.95	20.00	20.98	5.00	4.81	7.00	6.12	14.77	44.37	" "
8.17	20.00	20.01	5.00	5.28	5.00	6.19	11.50	48.85	" "

A—Ingredients on sack differ from license.
B—Product is a Meat and Bone Scraps. Is not a Digester Tankage.
C—Ingredients on sack differ from license.
D—Ingredients on sack differ from license. Also detected Soy Bean Oil Meal.
E—Fat and Fibre guarantee on sack differ from license.
F—Protein guarantee on sack differs from license. Found 4.38% Screening by Mechanical Separation.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Cambridge Manufacturing Co., Cambridge, Md. (Cont.)	
New-Vim Special Laying Mash	Cambridge
New-Vim Super Laying Mash	Cambridge
*New-Vim Hog Feed	Cambridge
New-Vim Turkey Growing	Cambridge
New-Vim Turkey Starter	Cambridge
Cannon Valley Milling Co., Minneapolis, Minn.	
Cannon Feed	Cumberland
The A. B. Caple Co., Toledo, Ohio	
Alfalfa Leaf Meal	Baltimore
Alfalfa Meal	Hampstead
‡Alfalfa Stem Meal	Baltimore
Edmund L. Carr, Manchester, Md.	
Maple Grove Laying Mash	Manchester
Carter & Yates Milling Co., Centreville, Md.	
*Red Star Laying Mash	Centreville
Red Star Chick Starter and Grower	Centreville
Red Star Turkey Starter and Grower	Centreville
The Cecil County Milling Co., Rising Sun, Md.	
Rising Sun Brand 16% Dairy Feed	Rising Sun
Rising Sun Brand Laying Mash, with DBM	Rising Sun
Rising Sun Brand All Mash Grower	Rising Sun
Central Mills, Inc., Dunbridge, Ohio	
‡Alfalfa Meal	Denton
Central Purchasing Bureau, State of Maryland, Baltimore, Md.	
*C. P. B. Dairy Feed	Breathedsville
C. P. B. Dairy Feed	Cambridge
C. P. B. Dairy Feed	Owings Mills
C. P. B. Dairy Feed	Catonsville
C. P. B. Dairy Feed	Jessups
C. P. B. Dairy Feed	Catonsville
C. P. B. Dairy Feed	Sykesville
C. P. B. Dairy Feed	Owings Mills
C. P. B. Dairy Feed	Crownsville
C. P. B. Dairy Feed	Catonsville
C. P. B. Dairy Feed	Jessups
C. P. B. Dry Cow Feed	Owings Mills
C. P. B. Dry Cow Feed	Sykesville
C. P. B. Dry Cow Feed	Owings Mills
C. P. B. Dry Cow Feed	Jessups
C. P. B. Laying Mash	Crownsville
C. P. B. Laying Mash	Sykesville
C. P. B. Laying Mash	Sykesville

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.15	20.00	19.92	5.00	5.89	7.00	4.91	11.90	48.23	B.
8.53	20.00	20.36	5.00	4.81	7.00	6.36	11.10	48.84	B.
9.86	16.00	17.15	4.50	3.47	9.00	7.08	6.60	55.84	As declared on sack.
9.05	25.00	25.45	4.00	5.18	5.00	4.23	11.80	44.29	" "
9.52	20.00	20.80	4.00	4.76	5.00	4.29	10.40	50.23	B.
10.91	17.00	18.08	2.50	2.51	6.00	2.52	3.15	62.83	As declared on sack.
9.56	20.00	21.06	2.50	2.49	18.00	18.31	12.48	36.10	" "
7.37	13.00	14.65	1.00	1.90	33.00	32.09	9.45	34.54	" "
8.21	9.00	15.09	.80	1.83	40.00	31.17	6.70	37.00	" "
10.33	20.00	20.86	4.00	3.81	6.50	5.75	10.35	48.90	" "
10.33	20.00	17.20	4.00	3.66	8.00	6.86	4.70	57.25	B.
9.46	16.00	15.97	4.00	4.22	5.00	7.25	6.35	56.75	B.
7.95	18.00	17.99	4.00	3.76	10.00	9.17	8.85	52.28	As declared on sack.
8.98	16.00	17.30	3.50	4.01	12.00	8.83	7.18	53.70	" "
8.93	20.00	20.88	4.50	4.64	5.50	5.43	11.15	48.97	" "
9.57	16.00	17.72	4.00	4.63	6.00	4.81	9.80	53.47	" "
7.46	13.00	13.16	1.50	1.77	33.00	29.38	7.65	40.58	" "
8.80	32.00	32.36	5.00	3.93	9.00	8.22	.....	.....	" "
9.45	32.00	33.87	5.00	4.94	9.00	7.22	.....	.....	" "
10.88	20.00	20.79	4.00	3.99	11.00	8.77	.....	.....	" "
10.11	20.00	23.17	4.00	4.42	11.00	7.98	.....	.....	" "
8.35	20.00	23.14	4.00	3.83	11.00	7.36	.....	.....	" "
10.83	20.00	22.64	4.00	3.97	11.00	9.12	.....	.....	" "
9.40	20.00	20.57	4.00	4.55	11.00	9.09	.....	.....	" "
10.16	20.00	22.14	4.00	3.96	11.00	7.91	.....	.....	" "
10.19	20.00	21.96	4.00	3.99	11.00	8.70	.....	.....	" "
10.25	20.00	22.65	4.00	3.97	11.00	7.53	.....	.....	" "
11.26	20.00	23.36	4.00	5.12	11.00	6.73	.....	.....	" "
10.70	12.00	13.22	3.00	3.08	7.00	8.50	.....	.....	" "
11.84	12.00	15.36	3.00	3.38	7.00	6.54	.....	.....	" "
10.96	12.00	15.66	3.00	3.81	7.00	6.53	.....	.....	" "
11.09	12.00	15.31	3.00	2.91	7.00	10.95	.....	.....	" "
.....	18.00	21.46	4.50	6.23	6.00	5.15	.....	.....	" "
7.94	18.00	20.80	4.50	6.48	6.00	4.38	.....	.....	" "
8.93	18.00	20.01	4.50	5.61	6.00	5.11	.....	.....	" "

B—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Central Purchasing Bureau, State of Maryland, Baltimore, Md. (Continued)	
C. P. B. Laying Mash	Breathedsville
C. P. B. Laying Mash	Crownsville
C. P. B. Horse Feed	Catonsville
C. P. B. Horse Feed	Waterbury
C. P. B. Calf Meal	Owings Mills
Chesapeake Company, Chestertown, Md.	
Chesapeake 50% Meat and Bone Scrap	Chestertown
Chewsville Cooperative Association, Chewsville, Md.	
Thrivont 32% Mixing Ration	Chewsville
Chewsville Maryland Laying Mash	Chewsville
Thrivont Laying Mash	Chewsville
Thirvont Growing Mash	Chewsville
*Thrivont Pig and Hog Meal	Chewsville
Thirvont Turkey Growing Mash	Chewsville
Harry Clipp, Sharpsburg, Md.	
Clipp's Egg Mash	Sharpsburg
Herbert K. Clofine, Philadelphia, Pa.	
Supreme Brand Dried Buttermilk	Baltimore
Supreme Brand Dried Skimmilk	Baltimore
Supreme Brand Condensed Buttermilk	Pocomoke City
J. Henry Clusman & Co., Baltimore, Md.	
Reliance 24% Dairy Feed	Baltimore
Reliance 16% Dairy Feed	Baltimore
Reliance Laying Mash, with Cod Liver Oil	Baltimore
Reliance Laying Mash	Baltimore
Reliance Growing Mash	Baltimore
Reliance Broiler Mash	Baltimore
Reliance Hog Feed	Baltimore
The Cohn & Bock Co., Princess Anne, Md.	
C. & B. Laying Mash, with 4% Dried Milk	Princess Anne
C. & B. Growing Mash, with 4% Dried Milk	Princess Anne
C. & B. Broiler Ration	Princess Anne
C. & B. Pig and Hog Meal	Princess Anne
Collis Products Co., St. Paul, Minn.	
Collis Process Dried Buttermilk	Pocomoke City
Commander-Larabee Milling Co., Minneapolis, Minn.	
Sunfed Wheat Flour Middlings, with Ground Wheat Screenings N. Ex. M. R.	Baltimore
Sunfed Wheat Standard Middlings, with Ground Screenings N. Ex. M. R.	Baltimore

* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found			
8.51	18.00	20.62	4.50	4.99	6.00	5.22	.....	.....	As declared on sack.
8.99	18.00	20.36	4.50	5.17	6.00	5.04	.....	.....	" "
10.22	9.00	9.52	3.50	3.58	8.00	9.02	.....	.....	" "
10.85	9.00	10.10	3.50	3.08	8.00	8.77	.....	.....	" "
9.05	23.00	23.08	4.00	3.66	5.00	4.04	.....	.....	" "
5.92	50.00	49.94	8.00	16.06	3.00	1.89	23.35	2.84	" "
9.07	32.00	33.88	4.50	4.70	10.00	9.05	10.88	32.42	" "
9.39	19.00	19.57	4.50	5.94	6.50	5.23	10.60	49.27	" "
8.00	19.00	18.82	5.00	4.94	8.00	5.46	8.93	53.85	" "
8.98	17.00	17.02	4.00	5.08	6.00	5.16	7.70	56.06	" "
8.00	17.00	17.84	4.50	3.89	6.50	5.58	6.79	57.90	" "
9.59	19.00	18.87	4.00	5.54	7.00	8.79	9.95	47.26	B.
10.39	20.00	20.45	4.50	4.48	6.00	7.28	6.85	50.55	As declared on sack.
.....	32.00	34.92	5.00	x6.07	.....	.....	8.50	.....	" "
.....	32.00	34.66	.25	x.84	.....	.....	8.36	.....	" "
.....	10.00	10.27	2.00	x2.24	A27.00	A27.86	.....	.....	" "
8.95	24.00	26.32	2.50	3.70	7.00	6.87	9.53	44.63	" "
11.50	16.00	17.76	3.00	3.12	14.00	13.77	8.50	45.35	" "
9.26	20.00	21.50	4.50	5.01	7.00	7.26	10.10	46.87	" "
10.68	20.00	19.88	4.00	4.62	7.00	7.85	9.10	47.87	" "
10.08	18.00	17.63	4.00	5.46	7.00	5.70	8.10	53.03	" "
10.68	18.00	18.16	3.50	3.73	6.50	6.89	9.81	50.73	" "
9.18	15.00	16.67	3.50	4.42	7.00	8.79	8.26	52.68	" "
9.56	20.00	19.48	4.50	4.92	6.00	5.61	12.25	48.18	" "
11.53	16.00	17.72	4.50	4.51	6.00	5.79	8.05	52.40	" "
8.95	18.00	20.01	3.50	4.84	6.00	6.05	8.20	51.95	" "
11.38	16.00	17.64	4.00	6.14	5.00	4.95	6.30	53.59	" "
.....	30.00	29.94	5.00	x.598	.....	.....	11.70	.....	" "
9.92	17.00	17.99	4.50	4.49	6.00	7.14	5.45	55.01	C.
9.96	15.00	19.74	4.00	4.75	9.50	6.46	4.95	54.14	As declared on sack.

x—Fat as determined by the Roese-Gottlieb Method.
A—Total Solids.
B—Also detected Linseed Meal.
C—Protein and Fat guarantee on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The G. E. Conkey Co., Cleveland, Ohio	
Conkey's Y-O (Brand) 32% Supplement Mash	Hagerstown
Conkey's Dairy Feed 32% Protein	Hagerstown
Conkey's Y-O (Brand) Egg Mash	Hagerstown
Conkey's Y-O (Brand) Growing Mash	Hagerstown
‡Conkey's Y-O (Brand) 40% Hog Supplement	Hagerstown
Conkey's Geccofat Station Fattener, with BM	Hagerstown
Conkey's Y-O Contains Cod Liver Oil	Hagerstown
Conkey's Y-O (Brand) Turkey Developer	Hagerstown
L. A. Conner, Newark, Md.	
"Made Well" Laying Mash	Newark
"Made Well" Starter and Broiler Mash	Newark
The Continental Milling & Feed Co., Ellicott City, Md.	
Polka Dot Dairy Feed 24%	Ellicott City
Maryland Maide Dairy Feed 24%	Ellicott City
Patapsco Dairy Feed	Ellicott City
Continental Laying Mash	Ellicott City
Polka Dot Laying Mash	Ellicott City
Pre-Ferd Laying Mash	Ellicott City
Polka Dot Pig Meal	Ellicott City
Corn Products Refining Co., New York, N. Y.	
Diamond Corn Gluten Meal	Baltimore
Diamond Corn Gluten Meal	Frederick
Buffalo Corn Gluten Feed	Frederick
The Crete Mills, Crete, Neb.	
‡Pure Wheat Bran	Westminster
The Davidson Chemical Corp., Baltimore, Md.	
East Coast Pure Fish Meal	Keymar
East Coast Pure Fish Meal	New Windsor
Dawe's Products Co., Chicago, Ill.	
‡*Vitamelk Concentrate	Frederick
Delaware Mills, Inc., Deposit, N. Y.	
Delaware 32% Dairy Supplement	Ingleside
Indian Sweet 24% Dairy Feed	Ingleside
‡Delco 20% Dairy Feed	Ingleside
*Indian Sweet 20% Dairy Feed	Ingleside
Indian Sweet 16% Dairy Feed	Ingleside
‡Delaware Laying Mash, with Cod Liver Oil and Dried Skim Milk	Ingleside
Delco Laying Mash, with Cod Liver Oil and Dried Skim Milk	Ingleside
‡Indian Growing Mash, with Dried Skim Milk	Federalsburg
Delco Starter and Broiler Ration, with Dried Skim Milk and Cod Liver Oil	Federalsburg

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found			
8.05	32.00	33.87	5.00	6.79	8.00	5.47	15.40	30.42	As declared on sack.
8.15	32.00	35.57	3.00	4.07	10.00	8.04	7.52	36.65	" "
8.82	20.00	24.22	4.00	5.39	7.00	6.02	9.45	46.10	" "
9.91	18.00	22.82	4.00	5.85	7.00	6.55	7.95	46.92	" "
9.32	40.00	39.93	5.00	5.91	6.00	6.48	13.30	25.06	" "
9.43	14.00	17.72	4.50	5.59	6.00	5.87	4.90	56.49	" "
7.51	30.00	31.59	12.50	19.64	6.00	4.89	4.80	31.57	
9.59	20.00	23.09	5.00	5.60	8.00	6.14	8.70	46.88	As declared on sack.
10.28	19.00	20.71	5.00	5.29	4.60	7.71	11.80	44.21	" " A.
10.08	17.00	18.78	5.00	5.26	4.50	7.40	10.20	48.28	B.
7.65	24.00	25.27	4.00	5.18	10.00	9.45	9.10	43.35	C.
8.00	24.00	26.09	4.50	4.65	9.00	8.77	7.66	44.83	D.
9.57	16.00	20.14	4.00	3.87	12.50	8.25	7.34	50.83	D.
8.35	20.00	22.03	5.00	5.08	6.00	6.49	10.05	48.00	As declared on sack.
9.43	20.00	21.50	5.00	5.07	6.00	5.99	10.15	47.86	" "
9.26	18.00	18.25	5.00	4.68	7.00	4.68	12.70	50.43	" "
8.88	18.00	19.39	4.00	4.80	7.00	6.92	9.35	50.66	" "
7.88	43.00	45.46	1.00	2.83	4.00	3.39	1.15	39.29	" "
8.91	43.00	44.32	1.00	2.59	4.00	3.16	1.10	39.92	" "
11.84	25.00	27.64	2.00	2.58	8.50	6.97	7.75	43.22	" "
9.85	14.50	17.38	3.50	3.99	11.00	9.07	6.10	53.61	" "
8.52	58.00	60.55	5.00	6.78	3.00	.48	23.50	.17	" "
8.59	58.00	61.16	5.00	7.04	3.00	.51	18.60	4.10	" "
8.13	28.00	27.82	10.00	8.10	2.50	2.57	8.60	44.78	" "
8.01	32.00	32.04	4.00	5.44	9.00	9.04	7.62	37.85	As declared on sack.
8.79	24.00	24.86	4.00	4.59	12.00	7.83	7.10	46.83	E.
8.57	20.00	20.09	4.00	4.20	11.00	10.70	8.15	48.29	As declared on sack.
9.20	20.00	21.26	4.00	3.48	12.00	10.65	7.54	47.87	E.
8.34	16.00	21.20	3.50	3.32	14.00	11.13	6.28	49.73	F.
8.82	20.00	21.76	5.00	6.24	7.00	6.57	8.60	48.01	As declared on sack.
9.39	17.00	18.25	4.00	5.76	9.00	6.28	7.55	52.77	G.
8.91	15.00	17.02	4.50	5.19	7.00	7.19	7.45	54.24	As declared on sack.
9.97	18.00	19.92	4.50	5.40	6.00	5.67	7.80	51.24	H.

A—Fibre guarantee on sack differs from license.
B—Ingredients on sack differ from license.
C—Ingredients on sack differ from license. Unable to detect Corn and Rye Distillers Grains—also detected Brewers Dried Grains.
D—Also detected Colza Oil Meal.
E—Unable to detect Linseed Oil Meal.
F—Unable to detect Soy Bean Oil Meal—also detected Linseed Oil Meal.
G—Also detected Ground Barley.
H—Also detected Corn Gluten Meal and Feed.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Delaware Mills, Inc., Deposit, N. Y. (Continued)	
‡Delaware Intermediate Chick Grains	Ingleside
‡Delaware Chick Grains	Ingleside
Delaware Turkey Growing Mash, with Cod Liver Oil and Dried Skim Milk	Ingleside
‡Delaware Turkey Growing Mash, with Cod Liver Oil and Dried Skim Milk	Ingleside
Del-Mar-Va Milling Co., Inc., Snow Hill, Md.	
Stagg Egg and Breeder Ration	Snow Hill
Stagg Yellow Leg Starter and Broiler	Snow Hill
The Denver Alfalfa Milling & Products Co., Lamar, Col.	
Alfalfa Meal	Derwood
The Derwood Mill, Derwood, Md.	
*Derwood 32% Dairy Feed	Derwood
Derwood 20% Dairy Feed	Derwood
Derwood 16% Dairy Feed	Derwood
Derwood Laying Mash	Derwood
Derwood Growing Mash	Derwood
Derwood Hog Feed	Derwood
Derwood Turkey Mash	Derwood
Abner Devilbiss, Union Bridge, Md.	
Carrollton Dairy Feed	Union Bridge
Carrollton Laying Mash	Union Bridge
Devilbiss Bros., New Windsor, Md.	
A. No. 1 Laying Mash	New Windsor
Dickey Brothers, Washington, D. C.	
Capitol Dairy Feed	Hyattsville
Capitol Laying Mash	Hyattsville
Dietrich & Gambrill, Inc., Frederick, Md.	
‡†Brewers' Grains and Molasses	Cecilton
Gambrill's High Protein Dairy Feed	Sykesville
Frederick Dairy Feed	Laurel
Gambrill's A. 1. Dairy Feed	Sykesville
D. & G. Dairy Feed	Waldorf
Pen Mar Dairy Feed	Sykesville
Gambrill's 16% Dairy Feed	Mt. Airy
Canton Laying Mash	Waldorf
Frederick Laying Mash	Berwyn
Gambrill's Laying Mash	Laurel
Gambrill's Gowing Mash	Laurel
All Purpose Complete Ration Starter-Grower-Layer	Laurel
All Mash Starter and Grower	Waldorf
Gambrill's Fattening Mash	Waldorf

† Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
10.71	10.00	10.79	2.50	4.65	3.00	2.53	2.65	68.67	A.	
9.74	10.00	12.37	3.00	4.15	3.00	2.73	2.90	68.11	A.	
8.98	20.00	20.18	4.00	5.88	7.00	6.29	8.90	49.77	As declared on sack.	
8.71	20.00	20.53	4.00	4.09	7.00	5.85	8.50	52.32	B.	
9.76	20.00	20.01	4.50	4.26	7.00	6.01	9.95	50.01	C.	
8.84	18.00	19.66	4.00	4.65	6.00	6.32	8.75	51.78	C.	
9.43	13.00	13.78	1.00	1.77	33.00	29.05	7.26	38.71	As declared on sack.	
10.47	32.00	29.07	4.00	4.25	10.00	10.87	6.50	38.84	D.	
8.86	20.00	20.83	4.00	4.38	12.00	9.95	9.15	46.83	E.	
11.02	16.00	20.23	3.00	4.53	10.00	10.06	9.20	44.96	F.	
7.83	20.00	20.63	4.00	5.57	8.00	6.93	10.95	48.09	As declared on sack.	
9.61	19.00	19.83	4.00	5.13	7.00	5.97	9.25	50.21	G.	
10.95	18.00	19.32	3.00	3.47	8.00	8.22	8.65	49.39	H.	
8.02	21.00	21.67	4.00	5.71	7.00	10.40	11.10	43.10	As declared on sack.	
10.32	17.00	18.43	4.00	3.97	10.00	7.74	3.30	56.24	"	"
8.48	17.50	18.52	4.00	4.86	7.00	6.17	7.40	54.57	"	"
9.12	20.00	20.71	4.00	5.27	8.00	7.91	8.90	48.09	F.	
9.45	20.00	22.64	4.00	3.78	11.00	9.46	6.70	47.97	As declared on sack.	
9.50	20.00	20.88	5.00	5.24	7.00	7.73	7.30	49.35	"	"
10.45	22.00	19.16	5.00	4.49	15.00	13.48	5.52	46.90	"	"
8.00	32.00	33.39	4.00	4.57	9.00	8.98	6.81	38.25	"	" I.
10.71	24.00	27.50	4.00	3.94	12.00	10.34	5.69	41.82	"	"
8.60	24.00	25.43	4.60	4.52	9.00	9.17	8.32	43.96	"	"
8.66	20.00	21.07	4.00	4.30	12.00	11.00	8.14	46.83	"	"
9.01	20.00	22.34	4.00	4.14	9.00	8.30	6.57	49.64	"	"
10.35	16.00	17.82	3.50	4.03	12.00	13.56	6.95	47.29	"	"
8.87	20.00	21.94	4.00	4.01	8.00	7.66	8.45	49.07	"	"
9.61	18.00	19.74	4.00	4.35	8.00	5.62	8.35	52.33	"	"
9.52	20.00	20.88	5.00	5.81	7.00	7.83	8.80	47.16	"	"
9.74	18.00	19.66	4.00	5.21	7.00	6.00	6.70	52.69	"	"
10.06	15.00	17.90	4.50	5.75	6.00	5.16	5.70	55.43	"	"
9.94	14.00	15.97	4.00	4.39	6.00	4.17	7.65	57.88	"	"
9.98	14.00	16.67	4.80	4.61	5.00	3.34	4.95	60.45	"	"

A—Also detected Oats.
B—Also detected Ground Barley.
C—Also detected Corn Gluten. Ingredients on sack differ from license.
D—Unable to detect Soybean Oil Meal.
E—Fat and Fibre guarantee and ingredients on sack differ from license.
F—Ingredients on sack differ from license.
G—Unable to detect Soybean Oil Meal.
H—Unable to identify Soybean Oil Meal and Processed Bean Meal—also detected Linseed Oil Meal.
I—Fat guarantee and ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Dietrich & Gambrill, Inc., Frederick, Md. (Continued)	
‡D. & G. Growing and Fitting Ration	Lutherville
*D. & G. Horse Supplement	Sparks
Gambrill's Hog Meal	Laurel
D. & G. Calf Meal	Lutherville
D. & G. Turkey Growing Mash	Sykesville
D. & G. All Mash Turkey Starter	Hagerstown
D. & G. All Mash Turkey Starter	Sykesville
T. M. Dinsmore & Co., Inc., Baltimore, Md.	
‡Dinsco Dried Grains	Baltimore
William H. Dolbey, White Haven, Md.	
Dolbey's Best Ultra-Lifed 18% Laying Mash	White Haven
Dolbey's Best Ultra-Lifed Growing Mash	White Haven
*Dolbey's Best Ultra-Lifed Turkey Growing Mash	White Haven
Dried Grains Corporation, Baltimore, Md.	
Draco Flour Middlings	Chestertown
†‡Draco Flour Middlings	Berlin
Dryden Milling Co., Pocomoke City, Md.	
Dryden's Laying Mash	Pocomoke City
Dryden's Broiler Mash	Pocomoke City
Dryden's Turkey Starter	Pocomoke City
Dry Milk Products Co., Columbus, Ohio	
Pure Dried Buttermilk	Frederick
Pure Dried Skimmilk	Frederick
Duck Creek Mill, Smyrna, Del.	
Wheat Bran	Sudlersville
Wheat Middlings	Sudlersville
Ezl. Dunwoody Co., Philadelphia, Pa.	
Super X Sardine Fish Meal	Rising Sun
Eagle Mills, Pocomoke City, Md.	
*†Dryden's Pure Fish Meal	St. Michaels
*R. C. D. Laying Mash	Pocomoke City
R. C. D. Growing Mash	Pocomoke City
*Dryden's Hog Meal	Pocomoke City
Dryden's Chick Starter	Pocomoke City
Turkey Trot Starter and Grower	Pocomoke City
Eagle Roller Mill Co., New Ulm, Minn.	
‡Eagle Wheat Standard Middlings, with Screenings	Hagerstown
‡Eagle Rye Middlings, with Screenings	Frederick

* Deficeint in protein or fat.
† Deficient in both protein and fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients		
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND					
8.23	13.00	15.54	4.00	4.46	10.00	5.56	6.96	59.25	As declared on sack.		
8.32	37.00	34.39	4.00	5.36	10.00	5.51	13.77	32.65	"	"	
10.31	18.00	20.43	4.00	4.99	8.00	6.49	6.10	51.68	"	"	
8.27	21.00	22.82	4.00	4.33	3.50	4.02	10.40	50.16	"	"	
8.42	20.00	21.67	4.00	6.08	8.00	6.30	12.00	45.53	"	"	
8.76	24.00	25.62	4.50	5.80	7.00	5.72	8.95	45.15	"	"	
8.45	24.00	23.96	4.50	7.10	7.00	6.33	11.70	42.46	"	"	
6.08	16.00	16.85	5.00	6.34	20.00	13.87	1.70	55.16	"	"	
10.55	18.00	18.28	4.50	5.26	6.50	5.88	9.77	50.26	"	"	
9.90	16.00	15.94	4.50	4.90	6.50	6.42	12.31	50.53	"	"	A.
9.60	21.00	19.63	4.00	5.15	8.50	5.97	10.81	48.84	"	"	
10.54	12.00	12.02	3.00	2.58	7.00	5.47	3.40	65.99	B.		
11.76	12.00	10.88	3.00	1.84	7.00	3.44	2.50	69.58	B.		
9.96	18.00	18.78	4.50	4.90	8.00	8.03	8.40	49.93	As declared on sack.		
8.67	17.50	18.16	4.00	4.83	6.00	5.98	8.00	54.36	"	"	
9.86	26.00	26.85	4.75	5.29	6.25	6.14	11.95	39.91	"	"	
.....	30.00	32.29	5.50	x5.53	.....	.....	19.10	.....	"	"	
.....	32.00	32.91	.50	x.46	.....	.....	7.85	.....	"	"	
11.08	.....	14.48	.....	4.12	.....	9.64	6.40	54.28	"	"	C.
12.31	.....	14.65	.....	3.72	.....	2.74	2.90	63.68	"	"	C.
6.01	60.00	59.59	4.50	11.19	1.50	.78	16.35	6.08	"	"	
8.48	55.00	62.83	7.00	5.93	3.00	.83	15.80	6.13	"	"	
8.66	20.00	18.60	5.00	4.99	8.00	8.34	8.75	50.66	"	"	
10.31	16.00	15.80	4.00	4.64	7.00	5.42	7.70	56.13	"	"	
9.97	18.00	16.23	4.00	5.36	7.00	5.05	6.50	56.89	D.		
9.13	16.00	17.02	4.50	4.53	6.00	5.59	6.80	56.93	As declared on sack.		
9.55	20.00	25.01	5.00	5.88	6.00	5.24	10.35	43.97	"	"	
9.75	15.00	16.85	4.00	4.08	9.50	8.00	5.05	56.27	"	"	
11.06	15.00	18.60	3.00	3.43	9.50	6.75	5.70	54.46	"	"	

A—Fat guarantee on sack differs from license.
B—Product contains a rather large amount of Rye Bran particles indicating the use of Rye Middlings and Low Grade Wheat Flour.
C—Not tagged at time of sale.
D—Ingredients on sack differ from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Early & Daniel Co., Cincinnati, Ohio	
Tuxedo Dairy 24%	Frostburg
Tuxedo Special 16% Dairy	Oakland
Tuxedo Egg Mash	Frostburg
Tuxedo Special Egg Mash 20%	Oakland
Tuxedo Growing and Developing Mash	Oakland
*Tuxedo Broiler Mash	Pocomoke City
*Tuxedo Pig Meal	Oakland
‡Standard Middlings	Lonaconing
Tuxedo Turkey Growing and Developing Mash	Pocomoke City
Tuxedo Turkey Growing and Developing Mash	Oakland
Easter Grain Growers, Hagerstown, Md.	
‡Dried Distillers Rye Grains, with Molasses	Lewistown
Magic Poultry Mash	Hagerstown
Magis Hog Ration	Hagerstown
Eastern Service Corporation, Cambridge, Md.	
"Esco" No. 1 Egg Mash	Cambridge
"Esco" Growing Mash	Cambridge
The Eastern Shore Feed Co., Easton, Md.	
"Sure-Gain" 17% Egg Mash	Easton
"Sure-Gain" Broiler Mash	Easton
"Sure-Gain" Turkey Starter	Easton
"Sure-Gain" Turkey Grower	Easton
Eastern States Farmers' Exchange, Springfield, Mass.	
Egg Mash	Snow Hill
Fattener Mash	Snow Hill
Flushing Mash	Snow Hill
Developer	Snow Hill
Starting and Broiler Ration	Snow Hill
Turkey Growing Mash	Snow Hill
The Easton Milling Co., Easton, Md.	
Talbot Laying Mash, with Dried Milk	Easton
Talbot Starting and Growing Mash, with Dried Milk	Easton
Edwards Milk Products Co., Chicago, Ill.	
"Yankee" Brand Dried Skimmed Milk	Upper Marlboro
Egg-O-Milk Co., Baltimore, Md.	
Egg-O-Milk Blend	Preston
The Eichman Co., Union Bridge, Md.	
Eichman's Big Check Dairy Feed 24%	Union Bridge
Eichman's Big Check Dairy Feed 16%	Union Bridge
Eichman's Prize Porker Pig and Hog Feed	Union Bridge

* Deficeint in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.22	24.00	24.27	4.00	4.41	9.00	7.81	7.98	45.31	As declared on sack.
10.80	16.00	16.78	3.00	4.09	12.50	11.31	9.06	47.96	" "
9.31	18.00	18.12	4.00	4.41	7.00	8.08	7.48	52.60	" "
9.70	20.00	19.96	4.00	4.05	7.50	7.57	7.70	51.02	" "
9.00	17.00	16.70	3.50	4.12	6.00	6.04	5.81	58.33	" "
11.07	17.00	18.95	5.00	4.38	6.00	5.96	7.42	52.22	" "
9.62	14.50	15.53	4.50	3.81	7.00	7.53	8.00	55.51	" "
10.57	14.00	18.43	3.00	3.16	7.00	6.92	5.30	55.62	" "
10.76	21.00	21.18	5.00	5.62	6.00	6.00	6.39	50.05	" "
8.01	21.00	21.87	5.00	4.73	6.00	6.78	8.11	50.50	" "
9.65	15.00	16.07	5.00	5.88	20.00	18.31	2.01	48.08	" "
8.08	16.00	18.87	4.00	5.37	6.00	8.49	11.60	47.59	A.
8.34	20.00	20.36	5.00	4.87	5.00	7.39	6.60	52.44	B.
8.91	18.50	22.20	4.00	4.89	7.50	7.19	11.60	45.21	As declared on sack.
9.37	18.00	20.80	4.00	7.29	7.00	6.26	9.10	47.18	" "
9.97	17.00	17.11	5.00	4.77	7.00	6.08	8.10	53.97	" "
9.12	18.00	19.66	4.50	5.06	6.00	6.88	7.20	52.08	" "
8.99	26.00	25.97	5.00	5.78	6.00	5.59	10.95	42.72	" "
9.48	20.00	19.92	5.00	5.30	6.00	5.99	8.35	50.96	" "
8.81	20.00	20.01	4.00	5.23	6.50	6.39	9.85	49.71	" "
10.00	14.50	15.27	4.00	4.65	5.00	5.00	3.35	61.73	" "
9.78	18.50	20.36	3.00	3.73	4.00	4.02	7.10	55.01	" "
11.09	18.50	19.89	4.00	4.53	6.50	6.08	8.70	49.71	" "
9.01	18.50	19.74	4.00	4.60	5.00	5.01	8.05	53.59	" "
10.83	20.00	20.71	4.00	4.93	5.50	5.21	7.90	50.42	" "
9.58	19.00	19.13	4.50	4.89	8.00	6.54	9.10	50.76	" "
8.87	18.00	17.55	4.50	4.78	7.50	6.75	9.70	52.35	" "
.....	30.00	33.70	.25	x1.17	.....	.....	7.75	.....	" "
.....	32.00	30.01	1.50	x1.72	.....	.....	5.00	.....	" "
7.82	24.00	28.70	4.00	4.67	10.00	7.61	7.60	43.60	" "
9.01	16.00	20.18	3.50	4.11	12.00	12.65	7.20	46.85	" "
10.47	14.00	15.45	3.50	4.32	6.00	5.44	6.80	57.52	" "

A—Fat and Fibre guarantee and ingredients on sack differ from license.
B—Fibre guarantee and ingredients on sack differ from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Englar & Sponseller, Westminster, Md.	
*Meadow-Brook Laying Mash	Westminster
Enterprise Tallow & Grease Co., Philadelphia, Pa.	
*Del-Mar-Va 45% Meat and Bone	Westover
*Del-Mar-Va 45% Meat and Bone	Salisbury
John W. Eshelman & Sons, Lancaster, Pa.	
Eshelman Red Rose Old Process Soybean Oil Meal	Berlin
Eshelman Red Rose 32 Mixing Ration	Hebbville
Eshelman Challenge Dairy Feed	Bel Air
Eshelman Conestoga 20 Dairy Feed	Baltimore
Eshelman Maintenance 16% Dairy Feed	Clinton
‡Eshelman Red Rose 36% Supplement Mash	Hebbville
Eshelman Pennsy Laying Mash, with Cod Liver Oil	Silver Spring
Eshelman Red Rose Laying Mash, with Cod Liver Oil	Elkton
Eshelman Red Rose Laying Mash	Annapolis
Eshelman S-O-S	Annapolis
Eshelman Lancaster 60 Horse Feed	Hebbville
Eshelman Red Rose Pig and Hog Meal	Baltimore
Eshelman Red Rose Turkey Grower, with Cod Liver Oil	Salisbury
Eshelman Red Rose Turkey Starter, with Cod Liver Oil	Elkton
The Fairmont Creamery Co., Omaha, Neb.	
Fairmont's Better Pure Dried Buttermilk	Salisbury
Fairmont's Better Pure Dried Buttermilk	Baltimore
Farmers Cooperative Association, Inc., Frederick, Md.	
Brewers Grains and Molasses	Frederick
Farco 32% Supplement	Frederick
*Farco 24% Milk Producer	Frederick
Farco 16% Dairy Feed	Frederick
*Farco Egg Producer	Frederick
Farco Growing Mash	Frederick
Farco Special Hog Feed	Frederick
Farmers Fertilizer & Feed Co., Westminster, Md.	
Farmers 24% Dairy Feed	Westminster
Farmers Favorite Laying Mash	Westminster
Farmers Favorite Pig Meal	Westminster
Farmers Service Bureau, Baltimore, Md.	
*‡Farmso Red Dog	Kennedysville
Farmers Supply Co., Walkersville, Md.	
Hog Feed	Walkersville
Feed Mor Products, Westminster, Md.	
Feed-Mor Meat Meal	Frederick
Feed-Mor Tankage	Westminster

* Deficeint in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
10.17	20.45	21.50	5.50	4.93	10.45	8.84	8.50	46.06	As declared on sack.	
6.85	45.00	43.70	10.00	12.24	2.00	1.48	35.25	.48	" "	A.
6.15	45.00	43.79	10.00	10.80	2.00	1.40	36.45	1.41	" "	A.
8.52	41.00	42.82	5.00	5.06	7.00	5.66	5.90	32.04	" "	
8.71	32.00	32.22	4.50	4.49	9.00	6.59	6.45	41.54	" "	
9.25	24.00	24.19	4.00	4.09	11.00	9.76	8.80	43.91	" "	
8.00	20.00	22.36	4.00	3.86	11.00	9.63	8.10	48.05	" "	
9.43	16.00	18.10	3.00	4.12	15.00	13.01	8.72	46.62	" "	
8.23	36.00	36.51	4.00	5.19	7.50	7.30	13.05	29.72	" "	
10.15	18.00	19.66	5.00	5.27	8.50	8.24	7.14	49.54	" "	
9.09	20.00	21.76	5.00	5.05	7.00	7.00	10.10	47.00	" "	
9.43	20.00	22.29	5.00	5.97	7.00	6.27	9.05	46.99	" "	
8.00	11.00	14.53	2.00	2.86	15.00	14.85	7.43	52.33	" "	
8.97	9.00	11.06	2.50	2.60	11.00	11.64	5.13	60.60	" "	
9.34	16.00	20.18	5.00	5.49	10.00	7.22	7.50	50.27	" "	
10.89	18.00	20.36	4.25	5.53	7.00	8.00	8.00	47.22	" "	
8.18	24.00	24.04	4.50	4.84	6.00	5.11	10.75	47.08	" "	
.....	30.00	32.21	5.50	x5.98	.....	.....	16.40	.....	" "	B.
.....	30.00	33.35	5.50	x6.21	.....	.....	12.20	.....	" "	B.
7.72	22.00	24.68	5.00	5.89	15.00	15.50	3.61	42.60	" "	
9.56	32.00	33.56	3.00	3.21	7.00	7.09	7.89	38.69	C.	
8.74	24.00	27.94	3.50	2.73	12.00	7.84	10.11	42.64	C.	
9.83	16.00	19.47	3.00	3.57	14.00	8.34	6.76	52.03	C.	
9.77	20.00	18.95	4.00	3.95	7.00	6.09	7.50	53.74	C.	
9.85	18.00	17.55	4.00	3.94	8.00	6.59	6.54	55.53	C.	
9.47	16.50	17.72	4.50	4.45	5.50	4.86	5.20	58.30	As declared on sack.	
8.12	24.00	28.08	4.00	4.89	12.00	11.55	7.10	40.26	" "	
9.98	20.00	20.71	4.50	4.46	10.00	7.95	7.55	49.35	" "	
10.57	18.00	18.78	5.00	4.66	10.00	6.15	7.50	52.34	" "	
10.71	15.00	13.16	3.00	2.90	4.00	3.23	2.55	67.45	D.	
9.03	15.00	15.49	4.00	4.59	4.50	4.44	4.03	62.42	C.	
5.52	55.00	57.74	5.00	10.80	4.00	2.50	21.80	1.64	As declared on sack.	
6.69	35.00	46.25	5.00	13.04	2.50	2.87	28.70	2.45	" "	

x—Fat as determined by the Roese-Gottlieb Method.
A—Fat guarantee on sack differs from license.
B—Protein and Fat guarantee on sack differ from license.
C—Ingredients on sack differ from license.
D—Also detected Rye Middlings.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Feed Products Co., Baltimore, Md.	
Fep-Co-Midds	Derwood
Felton & Kelly, Frederick, Md.	
Hog Meal	Frederick
Fernando Valley Milling & Supply Co., Van Nuys, Calif.	
Fernando Ideal Greens Alfalfa Leaf Meal	Baltimore
Ferneau Grain Co., Blanchester, Ohio	
F. Corn Distillers Dried Grains	Derwood
F. Distillers Dried Grains	Baltimore
The Fox Co., Newfield, N. J.	
Fox Fish Meal	Pocomoke City
Fox Skim Milk Powder	Berlin
‡Fox Skim Milk Powder	St. Michaels
Freihofer Flour Mills, Philadelphia, Pa.	
Wheat Bran, with M. R. of Ground Wheat Screen	Sykesville
Galestown Milling Co., Seaford, Del.	
All Purpose Mash	
Gall & Smith, Thurmont, Md.	
G. & S. 20% Laying Mash	Thurmont
G. & S. 20% Laying Mash	Thurmont
The Gambrill Grain Products Co., Baltimore, Md.	
Gambrill's Alice-Anna Laying Mash	Baltimore
Hen-Lay Laying Mash	Baltimore
Gambrill's Alice-Anna Growing Mash	Baltimore
Gambrill's A-A. Fattening Mash	Baltimore
General Mills, Inc., Minneapolis, Minn.	
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings	Baltimore
Washburn's Gold Medal Fancy Wheat Mixed Feed	Cumberland
Georgia Distrbuting Co., Atlanta, Ga.	
41% Protein Peanut Meal	Westminster
Glade Valley Milling Co., Walkersville, Md.	
*Gee Vee 32% Dairy Feed	Walkersville
Gee Vee Dairy Feed	Walkersville
Gee Vee 18% Laying Mash	Walkersville
Gee Vee Growing Mash	Walkersville
Golden Grain Mills, Inc., Harrisburg, Pa.	
Capitol 20% Dairy Feed	Reisterstown
Golden Grain 34% Mash Concentrate	Hampstead
‡*Golden Grain Hog Supplement 40%	Hampstead
Capitol Hog Meal	Reisterstown

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
5.80	15.00	15.62	6.50	9.49	9.00	7.24	5.95	55.90	As declared on sack.
10.39	18.00	16.85	4.00	3.99	6.50	6.64	10.35	51.78	" "
10.27	20.00	20.36	2.50	2.31	18.00	20.37	10.40	36.29	" "
6.26	28.00	30.54	9.00	9.64	14.00	11.41	1.90	40.25	" "
5.65	20.00	21.94	5.00	5.74	16.00	15.56	3.25	47.86	" "
6.29	55.00	58.62	3.00	6.59	3.00	.75	16.00	11.75	" "
.....	33.00	32.99	.25	x.76	.....	.....	8.00	.....	" "
.....	33.00	33.43	.25	x.50	.....	.....	8.00	.....	" "
9.06	16.00	17.72	4.00	4.05	11.00	9.55	6.65	52.97	" "
9.20	15.50	18.78	4.00	5.41	7.00	8.82	9.75	48.04	" "
9.73	20.00	20.71	4.50	5.09	6.75	6.72	7.10	50.65	A.
9.65	20.00	19.10	4.50	5.49	6.75	5.87	6.99	52.90	As declared on sack.
9.79	20.00	19.31	3.50	5.72	8.00	5.76	7.20	52.22	" "
9.47	18.00	19.92	3.50	4.58	8.00	6.34	7.90	51.79	" "
8.17	16.00	17.72	4.00	5.76	7.00	5.93	6.54	55.88	" "
9.91	14.00	15.27	4.00	5.28	6.00	5.27	3.35	60.92	" "
9.39	14.00	15.36	4.00	3.99	12.00	10.76	7.00	53.50	" "
10.26	15.00	16.41	3.50	3.89	7.50	4.95	4.35	60.14	" "
8.38	41.00	43.70	6.00	7.71	14.00	14.54	4.10	21.57	" " B.
8.33	32.00	32.73	7.00	6.02	11.00	10.51	6.40	36.01	" "
10.23	20.00	21.94	3.00	3.94	9.00	7.91	6.50	49.84	" "
8.60	18.00	17.86	4.00	4.57	7.50	5.55	7.79	55.63	C.
9.43	16.00	16.93	3.75	4.35	6.50	5.50	7.40	56.39	As declared on sack.
9.13	20.00	22.94	3.50	3.30	12.00	10.13	9.03	45.47	C.
8.78	34.00	35.36	4.00	4.23	8.00	5.13	15.00	31.50	C.
8.86	40.00	38.79	4.50	6.18	7.00	4.75	15.55	25.87	As declared on sack.
9.50	16.00	16.10	4.00	3.99	10.00	11.16	9.38	49.87	D.

x—Fat as determined by the Roese-Gottlieb Method.
A—Unable to detect Wheat Bran—also detected Ground Oats.
B—Fibre guarantee on sack differs from license.
C—Ingredients on sack differ from license.
D—Fibre guarantee and ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Great Atlantic & Pacific Tea Co., New York, N. Y.	
Daily Egg Laying Mash Feed	Baltimore
Daily Egg Laying Mash Feed	Chestertown
Daily Growth Growing Mash	Baltimore
Daily Growth Growing Mash	Chestertown
Daily Growth Chick Starter	Baltimore
Daily Growth Fine Chick Feed	Baltimore
Daily Egg Scratch Feed	Baltimore
Talco Scratch Feed	Baltimore
*Daily Growth Turkey Grower	Chestertown
Green-Mish Co., Washington, D. C.	
"Green Tag Prime" Cotton Seed Meal	Westminster
W. D. Groff, Owings Mills, Md.	
Wil-Gro Laying Mash	Owings Mills
Hales & Hunter Co., Chicago, Ill.	
Red Horn 24% Dairy Feed	Annapolis
Special Red Horn 20% Dairy Feed	Cumberland
Gold Flake 16% Dairy Feed	Cumberland
Morning Glory Egg Mash	Cumberland
Red Comb Egg Mash	Cumberland
Red Comb Growing Mash	Pocomoke City
Red Comb Broiler Mash	Pocomoke City
*Red Comb Flushing Mash	Bishop
*Red Comb Crate Fattener	Baltimore
Morning Glory Fine Chick	Baltimore
Red Comb Chick Starter	Pocomoke City
Pound Squab Pigeon Feed	Baltimore
‡Red Comb Turkey Balancer	Baltimore
Red Comb Turkey Grower	Cumberland
Red Comb Turkey Grower	Newark
Hampstead Fertilizer Co., Hampstead, Md.	
R. E. M. Home Made Laying Mash	Hampstead
Home Made Hog Feed	Hampstead
Hancock Flour & Feed Co., Hancock, Md.	
Potomac Laying Mash	Hancock
Frank Harbaugh, Middleburg, Md.	
Use-More Dairy Feed	Middleburg
*Use-More Pig and Hog Meal	Middleburg
U. L. Harman, Marydel, Md.	
Harman's Best Laying Mash	Marydel
Mary-Del Egg Mash	Marydel

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.24	20.00	21.24	4.00	5.63	6.50	7.48	12.20	45.21	As declared on sack.
8.54	20.00	20.01	4.00	6.28	6.50	7.34	12.85	44.98	" "
8.38	17.50	19.04	4.00	4.47	6.50	8.57	9.85	49.69	" "
8.79	17.50	19.39	4.00	4.94	6.50	7.22	11.10	48.56	" "
8.87	16.00	17.20	4.00	5.09	5.00	4.92	8.70	55.22	" "
11.06	10.00	11.06	3.00	2.98	5.00	1.75	1.30	71.85	" "
11.21	10.00	10.18	2.50	2.83	5.00	2.56	1.65	71.57	" "
11.71	10.00	10.27	2.50	2.56	5.00	2.79	1.40	71.27	" "
8.57	24.00	22.90	4.50	4.18	6.50	7.49	12.50	44.36	" "
6.72	41.00	41.15	5.00	7.98	13.00	9.94	6.60	27.60	" "
9.17	18.00	18.52	5.00	4.59	8.00	8.34	8.65	50.73	" "
8.00	24.00	26.80	4.00	3.85	10.00	9.71	8.21	43.43	" "
10.35	20.00	23.13	3.50	3.61	12.00	8.90	9.24	44.77	" "
10.70	16.00	17.53	3.00	2.98	15.00	9.55	10.80	48.44	" "
7.83	20.00	21.06	4.00	4.26	8.00	7.26	11.05	48.54	" "
8.47	18.00	20.18	4.00	4.95	7.00	6.52	10.30	49.58	" "
9.15	16.00	18.16	4.00	4.59	7.00	6.49	7.40	54.21	" "
10.35	18.00	19.57	4.00	5.04	7.00	5.92	8.00	51.12	" "
9.48	17.00	12.37	3.00	2.99	4.00	4.09	4.15	66.92	" "
7.82	13.00	15.80	4.00	2.91	6.00	6.21	7.00	60.26	" "
10.63	10.00	11.50	2.50	2.49	5.00	1.69	1.80	71.89	" "
10.37	18.00	19.66	4.00	4.56	6.00	5.69	7.20	52.52	" "
11.09	12.00	12.46	2.50	2.85	5.00	3.57	1.80	68.23	" "
7.06	32.00	34.05	4.00	5.21	7.50	7.35	17.45	28.88	A.
8.57	21.00	22.82	4.00	4.62	7.00	5.95	10.80	47.24	As declared on sack.
10.91	21.00	20.97	4.00	4.41	7.00	6.51	9.00	48.20	" "
8.26	20.00	20.53	4.50	4.44	8.00	8.21	8.70	49.86	" "
9.27	15.00	18.78	4.00	4.59	8.00	5.96	6.85	54.55	" "
10.31	20.00	18.61	4.50	4.29	6.50	5.53	8.15	53.11	" "
10.39	16.50	18.86	4.00	3.93	10.00	8.87	6.46	51.49	B.
10.32	19.00	17.11	5.00	4.83	5.00	5.39	7.30	55.05	C.
8.85	20.00	19.13	5.00	4.66	7.00	5.69	10.80	50.87	As declared on sack.
8.90	18.00	19.48	4.50	4.46	8.00	8.53	9.75	48.88	" "

A—Ingredients on sack differ from license.
B—Unable to detect Malt Sprouts—also detected Dried Rye Distillers Grains.
C—Also detected Ground Oats.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Harrington Milling Co., Harrington, Del.	
Wheat Bran	Denton
Wheat Middlings	Denton
Hecker-Jones-Jewell Milling Division of Standard Milling Co., Buffalo, N. Y.	
Wheat Standard Middlings, with Ground Screen, N. Ex. M. R.	Baltimore
Hershey Creamery Co., Harrisburg, Pa.	
Hershey's Superior Powdered Skim Milk	Keymar
Hershey Milling Co., Inc., Hagerstown, Md.	
Hershey Grow Big Hog Feed	Hagerstown
Hershey Pure Wheat Bran	Hagerstown
Hershey Fancy Wheat Middlings, with Screen, N. Ex. M. R.	Hagerstown
Hershey Special Scratch Feed	Hagerstown
Hespenheide & Thompson, Inc., York, Pa.	
Premier 32% Farm Mixing Feed	Parkton
York 20% Dairy Feed	Parkton
Premier 16 Dairy Feed	Parkton
Premier Egg Mash, with BM., Charcoal and Minerals	Jarrettsville
York Laying Mash, with Cod Liver Oil	Jarrettsville
York Laying Mash	Jarrettsville
York Growing Mash, with Cod Liver Oil	Jarrettsville
Premier 85% Horse Feed	Parkton
Premier Bulky-Mo-Las Feed	Parkton
Premier Pig and Hog Meal	Jarrettsville
Premier Starting and Growing Mash, with Cod Liver Oil	Parkton
Premier Turkey Developer	Jarrettsville
John P. Howard, Hagerstown, Md.	
Howard's Poultry Mash	Hagerstown
Hubbard Milling Co., Mankato, Minn.	
Hubbard's Sunshine Concentrate	Easton
Humphreys-Godwin Co., Memphis, Tenn.	
Dixie Brand 41% Protein Prime Cottonseed Meal	Frederick
Dixie Brand 41% Protein Prime Cottonseed Meal	Ellicott City
The Humphries Supply Co., Glyndon, Md.	
Wheeler Special Laying Mash	Glyndon
Hurlock Milling Co., Hurlock, Md.	
Best Quality Laying Mash	Hurlock
Best Quality Pig Meal	Hurlock
Huston, Culver & Co., Seaford, Del.	
Fish Meal	Salisbury

Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients	
10.74	.....	13.60	.....	3.93	.....	8.06	5.60	58.07	As declared on sack.	A.
11.64	.....	13.86	.....	3.57	.....	4.19	4.00	62.74	B.	
9.53	15.00	16.76	4.75	4.89	9.50	6.49	4.60	57.73	As declared on sack.	
.....	32.00	33.52	.25	x1.23	.....	.....	8.05	.....	" "	
9.71	14.50	15.80	4.50	4.28	8.00	3.66	6.75	59.80	" "	
8.37	15.50	15.53	4.00	3.78	9.50	8.07	6.35	57.90	" "	C.
9.95	15.50	15.62	4.00	3.92	6.00	3.69	3.45	63.37	" "	
10.90	10.00	10.00	2.50	2.74	5.00	2.58	1.55	72.23	" "	
8.85	32.00	31.59	4.00	4.15	10.00	7.13	8.72	39.56	" "	
9.41	20.00	20.48	3.50	3.50	12.00	10.56	8.55	47.50	" "	
9.43	16.00	15.63	3.00	3.15	12.00	12.42	10.54	48.83	" "	
9.09	20.00	20.97	4.50	5.09	7.00	5.72	10.50	48.63	" "	
8.81	18.00	20.36	3.00	4.69	7.50	6.19	9.21	50.74	D.	
8.82	18.00	20.47	3.00	3.69	7.50	6.86	10.77	49.39	As declared on sack.	
8.95	17.00	18.74	4.00	4.66	6.50	6.47	9.04	52.14	E.	
9.08	9.00	10.81	3.00	3.30	10.00	7.65	3.82	65.34	As declared on sack.	
10.41	9.00	12.47	1.30	1.90	15.00	12.84	8.68	53.70	" "	
9.11	16.00	16.67	4.00	4.18	7.00	5.88	10.70	53.46	" "	
9.14	16.00	18.25	4.00	4.73	6.00	5.33	9.25	53.30	" "	
9.86	20.00	21.59	3.50	4.28	8.00	6.87	11.00	46.40	" "	
9.96	18.00	17.99	5.00	5.40	7.00	5.66	12.65	48.34	" "	
8.27	32.00	32.64	5.00	5.87	7.00	6.46	13.60	33.16	" "	
7.39	41.00	41.16	5.00	6.79	12.00	11.26	6.65	26.75	" "	
7.45	41.00	42.12	5.00	6.39	12.00	11.49	5.90	26.65	" "	
8.61	20.00	23.17	4.50	4.04	7.00	8.50	10.60	45.08	D.	
8.88	20.50	20.88	4.50	4.47	9.62	7.85	12.20	45.72	F.	
9.07	20.00	19.57	4.50	4.99	8.00	6.49	8.75	51.13	As declared on sack.	
6.11	55.00	58.27	4.00	11.62	1.00	.45	19.15	4.40	" "	

x—Fat as determined by the Roese-Gottlieb Method.
A—Not tagged at time of sale.
B—Found by Mechanical Separation 2% Ground Screenings. Not tagged at time of sale.
C—Protein guarantee on sack differs from license.
D—Ingredients on sack differ from license.
E—Also detect Corn Gluten.
F—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Ingleside Milling Co., Ingleside, Md.	
Ingleside Laying Mash	Ingleside
International Milling Co., Minneapolis, Minn.	
Blackhawk Pure Wheat Bran	Elkton
Blackhawk Wheat Flour Middlings	Pocomoke City
Blackhawk Wheat Standard Middlings, with Ground Screenings, N. Ex. M. R.	Pocomoke City
Jersey Milk & Cream Co., Lafargeville, N. Y.	
‡Pure Dried Skim Milk	Berlin
The R. D. Johnson Milling Co., Cumberland, Md.	
"Atlas" Egg Mash	Cumberland
Kasco Mills, Inc., Waverly, N. Y.	
*Kasco 32% Mixing Feed	Hagerstown
*Kasco Moremilk Dairy Ration	Cumberland
Oc-Sak 24% Dairy Feed	Hancock
Apex 20% Dairy Ration	Baltimore
Apex 20% Dairy Ration	Kennedyville
Kasco Sweet 16% Dairy Feed	Annapolis
Kasco Farm Feed	Annapolis
‡*Kasco Mash Supplement	Hagerstown
Apex Laying Mash	Baltimore
*Kasco Laying Mash	Hagerstown
Kasco Laying Mash	Annapolis
Oc-Sak Laying Mash	Hancock
Oc-Sak Laying Mash	Annapolis
Apex Complete Grower	Oakland
Apex Complete Grower	Annapolis
Kasco Growing Mash	Hagerstown
Kasco Poultry Flushing Mash	Hancock
‡Apex Horse Feed	Baltimore
Kasco Horse Feed	Baltimore
Kasco Pig-Hog Feed	Hancock
Oc-Sak Hog Meal	Hagerstown
Kasco Calf Meal	Annapolis
‡Wheat Bran, with Ground Wheat Screenings	Cumberland
Kasco Turkey Grower	Hancock
Kasco Complete Rabbit Ration	Cumberland
Kelco Company, New York, N. Y.	
Kelco-Meal	Sykesville
The Keedysville Milling Co., Inc., Keedysville, Md.	
*Eureka Laying Mash	Keedysville
Kellogg Sales Co., Battle Creek, Mich.	
White Hominy Feed	Hagerstown

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.70	17.00	18.43	3.50	4.97	9.50	8.91	10.75	48.24	As declared on sack.
9.34	15.00	15.53	3.20	4.25	12.00	12.06	7.90	50.92	" "
10.41	16.00	17.72	3.50	3.83	4.00	3.69	3.55	60.80	" "
8.95	16.00	17.81	4.50	4.55	8.50	8.55	5.80	54.34	" "
.....	32.00	32.73	1.00	x1.10	.....	.....	7.50	.....	" "
8.57	18.00	17.99	4.00	4.12	7.00	6.48	15.85	46.99	A.
8.39	32.00	32.81	5.00	4.14	10.00	7.62	6.40	40.64	As declared on sack.
9.29	24.00	24.51	4.50	3.66	10.00	10.06	6.50	45.98	B.
9.00	24.00	25.96	4.00	3.22	12.00	10.42	7.94	43.46	As declared on sack.
11.07	20.00	21.28	3.50	4.28	12.00	9.84	8.18	45.35	" "
8.11	20.00	23.27	3.50	3.70	12.00	9.92	6.88	48.12	" "
9.11	16.00	19.41	3.50	4.20	12.00	11.81	9.63	45.84	" "
9.47	16.00	15.62	4.00	3.97	9.00	8.88	6.85	55.21	" "
7.49	26.00	26.32	5.00	4.31	6.50	7.02	18.95	35.91	" "
8.93	20.00	21.50	4.00	6.06	8.50	5.86	11.65	46.00	" "
9.69	20.00	18.95	4.00	5.51	6.50	7.45	11.85	46.55	" "
8.84	20.00	18.43	4.00	6.34	6.50	6.94	11.15	48.30	" "
8.39	17.00	17.11	3.50	4.26	8.50	8.52	10.25	51.47	" "
9.17	17.00	16.32	3.50	5.23	8.50	8.34	9.75	51.19	" "
9.97	14.00	15.18	4.00	4.08	8.50	7.27	9.45	54.05	" "
9.83	14.00	15.53	4.00	5.80	8.50	8.30	9.25	51.29	" "
8.97	18.00	20.09	4.00	5.41	7.50	8.05	11.45	46.03	" "
8.04	17.00	18.87	4.00	5.44	5.50	5.65	11.90	50.10	" "
10.34	9.00	9.96	2.50	2.58	11.00	12.27	4.89	59.96	" "
8.95	9.00	10.66	3.00	3.13	10.00	8.60	5.75	62.91	" "
8.30	17.00	17.55	4.50	4.92	7.50	8.21	8.65	52.37	" "
9.26	20.00	19.48	4.50	5.08	10.00	8.26	9.65	48.27	" "
9.66	21.00	22.82	3.50	4.25	4.50	4.59	8.35	50.33	" "
9.43	14.50	15.88	3.50	3.95	11.00	10.23	7.50	53.01	" "
8.14	20.00	21.59	4.00	5.13	8.00	5.89	10.70	48.55	" "
9.60	12.00	14.50	2.00	2.77	20.00	16.21	6.20	50.72	" "
10.19	3.00	5.79	.10	.34	10.00	7.22	37.50	38.96	" "
10.56	20.00	21.59	5.00	3.52	7.00	6.35	11.20	46.78	" "
9.39	10.00	10.62	6.00	7.61	5.00	4.01	2.70	65.67	" "

A—Unable to detect Linseed Oil Meal—also detected Calcium Carbonate.
B—Unable to detect Linseed Oil Meal.
x—Fat as determined by Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Kemo Mills, Toledo, Ohio	
Kayo Poultry Mash	Annapolis
Kenton Flour Mill, Kenton, Del.	
Wheat Bran	Denton
Wheat Bran	Price
Wheat Middlings	Price
Wheat Middlings	Denton
The Key Grain & Feed Co., Keymar, Md.	
The Key 32% Dairy Ration	Detour
The Key Dairy Ration	Detour
The Detour Laying Mash	Keymar
The Key Laying Mash	Detour
The Key Growing Mash	Detour
The Key 34% Hog Supplement	Detour
The Key Pig Meal	Detour
King Brothers & Co., Philadelphia, Pa.	
King's Pure Dried Skim Milk	Denton
King Midas Flour Mills, Minneapolis, Minn.	
Wheat Standard Middlings and Ground Wheat Screenings	Keymar
Kinsey Distilling Co., Philadelphia, Pa.	
*Linfield Rye Distillers Dried Grains	Ellicott City
Kline Brothers, Inc., Boonsboro, Md.	
Kline Bros. Egg Mash	Boonsboro
Chas. F. Knock, Frederick, Md.	
Laying Mash	Frederick
Kraft-Phenix Cheese Corporation, Chicago, Ill.	
Delyn	Westminster
Ray Kramer, Mt. Lebanon, Pittsburgh, Pa.	
*Kramer's Corn Distillers Dried Grains	Medford
*Kramer's Corn Distillers Dried Grains	Keymar
H. Curtis Krout, Maryland Line, Md.	
Krout's Egg Mash	Maryland Line
La Grange Mills, Red Wing, Minn.	
Wheat Standard Middlings, with Ground Screenings, N. Ex. M. R.	Hyattsville
The Larrowe Milling Co., Detroit, Mich.	
Larrowe's 32 Dairy Feed	Reisterstown
Larro The Ready Ration for Dairy Cows	Baltimore

* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.00	15.00	16.57	3.50	3.71	8.50	8.44	11.85	50.43	As declared on sack.
10.28	.....	13.78	.....	3.97	.....	9.22	6.45	56.30	A.
11.06	.....	13.86	.....	3.81	.....	9.09	6.40	55.78	As declared on sack. B.
11.92	.....	14.04	.....	3.33	.....	2.71	2.85	65.15	" " B.
11.75	.....	13.60	.....	3.27	.....	3.40	2.95	65.03	" " B.
8.29	32.00	32.02	4.75	5.28	11.00	10.54	9.15	34.72	" "
9.41	20.00	22.29	4.00	4.52	11.00	8.60	8.20	46.98	" "
9.94	19.00	20.36	4.50	5.06	9.00	8.78	9.95	45.91	" "
9.31	19.00	19.13	5.00	5.32	7.00	6.57	9.80	49.87	" "
9.69	16.00	17.38	4.50	4.59	7.00	5.88	8.60	53.86	" "
8.18	34.00	33.52	4.50	5.18	8.00	8.63	20.55	23.94	" "
9.50	17.00	18.25	4.00	5.10	7.00	5.65	7.40	54.10	" "
.....	30.00	34.92	1.00	x1.00	.....	.....	8.05	.....	" "
9.86	15.00	19.04	4.00	4.88	9.50	7.87	5.25	53.10	" "
6.26	13.00	15.71	6.00	5.36	17.00	15.60	3.20	53.87	" "
9.86	18.00	19.13	3.50	3.99	7.00	6.63	8.05	52.34	" "
9.78	20.00	20.01	3.00	5.57	7.00	5.24	9.40	50.00	C.
.....	10.50	10.62	.50	x.60	.....	.....	12.90	.....	As declared on sack.
6.19	25.00	21.94	7.00	7.75	17.00	18.46	2.35	43.31	D.
6.26	25.00	21.94	7.00	7.73	17.00	16.80	2.15	45.12	D.
9.43	20.00	20.45	4.00	4.69	7.00	6.95	9.35	49.13	E.
10.54	16.50	18.87	5.00	4.68	9.50	6.60	5.20	54.11	As declared on sack.
8.72	32.00	32.03	4.00	5.39	10.50	10.07	9.40	34.39	" "
8.12	20.00	21.76	3.75	3.87	12.00	11.54	6.05	48.66	" "

x—Fat as determined by the Roese-Gottlieb Method.
A—Detected 12.42% Screenings. Not tagged at time of sale.
B—Not tagged at time of sale.
C—Protein and Fibre guarantee on sack differ from license. Unable to detect Linseed Oil Meal.
D—Found approximate 30% Corn Distillers Grains.
E—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Larrowe Milling Co., Detroit, Mich. (Continued)	
Larrowe's 16 Dairy Feed	Baltimore
Larro Egg Mash	Baltimore
Larro Egg Mash	Laurel
Larro Broiler Feed	Baltimore
Larro Pig Builder	Baltimore
Larro Chick Builder	Rockville
Larro Turkey Builder	Rockville
Larro Turkey Builder	Baltimore
Larro Turkey Finisher	Annapolis
Leisters Feed Store, Millers, Md.	
Hamco Egg Mash	Millers
John T. Lewis & Bros. Co., Philadelphia, Pa.	
34% Old Process Linseed Meal	Baltimore
The Liberty Milling Co., Germantown, Md.	
Liberty 32% Mixing Ration	Germantown
Montgomery 26% Dairy Feed	Germantown
Liberty 22% Dairy Feed	Germantown
Liberty 16% Dairy Feed	Germantown
Liberty Laying Mash	Germantown
Liberty Hog Meal	Germantown
Liberty Starter and Grower Turkey Mash	Germantown
Linwood Elevator Co., Linwood, Md.	
Linwood Dairy Feed	Medford
Linwood Laying Mash	Linwood
Linwood Complete Pig Meal	Linwood
Lone Maple Tree Poultry Farm, Preston, Md.	
Broiler Feed	Preston
L. B. Lovitt & Co., Memphis, Tenn.	
"Lovit Brand" 41% Protein Cottonseed Meal	Westminster
"Lovit Brand" 41% Protein Cottonseed Meal	Frederick
"Lovit Brand" 41% Protein Cottonseed Meal	Frederick
Maritime Milling Co., Inc., Buffalo, N. Y.	
*Farmers B-B. Mixing Feed	Baltimore
Sweetened B-B. "24" Dairy Ration	Baltimore
Hi-Test Dairy Feed 24% Protein Sweetened	Baltimore
Hi-Test Dairy Feed 20% Protein Sweetened	White Hall
Marmico 16% Protein Dairy Feed, with Molasses	Baltimore
B-B. Layer and Breeder Mash Vitamized, with Cod Liver Oil, Liver Meal, Milk Sugar Feed & DBM	Baltimore
B-B. Daisy Egg Mash Vitamized, with Cod Liver Oil & DBM.	White Hall
B-B. Daisy Growing Mash Vitamized, with Cod Liver Oil & DBM.	White Hall

* Deficient in protein or fat.

Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients	
9.17	16.00	17.72	3.00	3.54	11.00	10.61	5.12	53.84	As declared on sack.	
9.13	20.00	20.97	4.00	4.64	7.50	6.92	9.20	49.14	"	"
9.15	20.00	20.88	4.00	4.48	7.50	6.40	8.10	50.99	"	"
9.44	18.00	19.83	4.00	4.86	6.50	6.46	7.66	51.75	"	"
9.25	17.50	18.95	4.00	4.76	7.50	7.47	6.86	52.71	"	"
9.47	19.00	21.59	4.00	4.58	7.00	7.04	9.66	47.66	"	"
9.95	24.00	26.50	4.50	4.57	6.50	5.35	9.70	43.93	"	"
7.89	24.00	25.89	4.50	4.64	6.50	6.54	10.00	45.04	"	"
9.41	19.00	19.57	3.50	4.81	7.00	6.71	9.95	49.55	"	"
8.58	20.00	21.06	4.00	5.55	8.00	8.67	12.55	43.59	"	"
6.16	34.00	34.22	5.00	6.74	10.00	9.14	5.20	38.54	"	" A.
8.43	32.00	32.56	4.00	4.10	11.00	10.53	8.32	36.06	"	"
9.06	26.00	26.06	5.00	5.38	9.00	10.38	7.70	41.42	"	"
7.31	22.00	24.13	5.00	4.63	10.00	12.23	7.60	44.10	"	"
9.63	16.00	16.64	3.50	3.86	15.00	12.40	5.74	51.73	"	"
8.25	19.00	21.06	4.50	5.04	7.00	7.04	11.60	47.01	B.	
9.38	20.00	20.88	5.00	5.01	5.00	6.81	6.40	51.52	As declared on sack.	
8.17	18.00	19.92	4.50	5.21	6.00	9.37	9.50	47.83	"	"
9.74	16.00	21.15	3.50	3.38	15.00	8.74	9.90	47.09	"	"
9.98	18.00	20.18	4.50	4.49	8.00	6.47	9.60	49.28	"	"
10.48	15.00	16.85	4.00	3.82	7.00	6.43	7.30	55.12	C.	
9.41	16.00	16.76	4.00	4.29	5.00	6.69	6.90	55.95	As declared on sack.	
7.70	41.00	40.98	5.00	7.20	13.00	10.34	7.30	26.48	"	"
6.91	41.00	41.86	5.00	6.65	13.00	10.78	6.05	27.75	"	"
7.69	41.00	41.68	5.00	5.82	13.00	10.51	6.55	27.75	"	"
8.91	32.00	31.63	5.00	4.40	10.00	9.97	8.68	36.41	"	"
9.98	24.00	23.74	4.00	4.05	9.00	9.61	7.56	45.06	"	"
8.71	24.00	24.36	4.00	4.04	12.00	10.71	8.67	43.51	"	"
9.52	20.00	19.98	4.00	4.18	12.00	7.28	8.65	50.39	"	"
10.03	16.00	18.07	4.00	4.61	12.00	11.44	7.04	48.81	"	"
7.87	20.00	20.01	4.50	5.34	7.00	8.29	11.50	46.99	"	"
8.06	20.00	20.10	3.50	5.53	9.00	9.17	14.45	42.69	"	"
9.33	15.00	16.06	4.00	4.59	9.00	9.08	8.00	52.94	"	"

A—Acid Insoluble Ash 0.32%.
B—Protein guarantee and ingredients on sack differ from license.
C—Unable to detect Linseed Oil Meal—also detected Soybean Oil Meal and Corn Gluten Meal.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Maritime Milling Co., Inc., Buffalo, N. Y. (Continued)	
B-B. Dairy Horse Feed, with Alfalfa and Molasses	Baltimore
B-B. Pig and Hog Feed, with Minerals	Baltimore
B-B. Broiler Ration Vitamized, with Cod Liver Oid, Milk Sugar Feed & DBM.	Baltimore
‡B-B. Developing Feed	White Hall
B-B. Turkey Developer & Finishing Mash, with Milk Sugar Feed & DBM.	Baltimore
C. J. Martenis Grain Co., New York, N. Y.	
‡Alco Dried Brewers Grains	Denton
Earl Martin, Hagerstown, Md.	
16% Dairy Feed	Reid
Maryland Tobacco Growers' Association, Baltimore, Md.	
*Open Formula "Marasso" 24% Dairy	Baltimore
†Open Formula "Marasso" Milk Maker	Baltimore
*Open Formula "Marasso" 20% Dairy	Baltimore
*Open Formula "Marasso" 16% Dairy	Baltimore
‡Open Formula "Marasso" Laying Mash, with Alfalfa Meal	Baltimore
‡Open Formula "Marasso" Market Laying Mash	Baltimore
‡Open Formula "Marasso" Growing Mash	Baltimore
‡Open Formula "Marasso" Horse Feed	Baltimore
‡Open Formula "Marasso" Hog Feed	Baltimore
‡Open Formula "Marasso" Chick Scratch	Baltimore
‡Open Formula "Marasso" Turkey Growing Mash	Baltimore
Maurer Manufacturing Co., Newark, N. J.	
*Kwality Meat and Bone Scrap	Berlin
McMillen Feed Mills, Inc., Fort Wayne, Ind.	
Master Mixing Feed	Hampstead
Master Mix 34% Mash Concentrate	Hampstead
Master Mix 40% Hog Concentrate	Hampstead
‡Master Mix 14% Hog Feed	Reisterstown
Master Mix 32% Chick Concentrate	Hampstead
Meadow Brook Farms, Nazareth, Pa.	
Meadow Brooks Farms Brand Superior Alfalfa Meal	Cambridge
Menhaden Fish Meal Co., Baltimore, Md.	
Meat and Bone Scrap	Maryland Line
Fish Meal	Baltimore
Fish Meal	Mardela Springs
Fish Meal	Lineboro
The Mennel Milling Co., Toledo, Ohio	
Memo Soft Wheat Flour Middlings, with M. R. S.	New Windsor

‡ Sampled before registration.
† Deficient in both protein and fat.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.17	6.50	9.03	1.50	2.43	12.00	12.01	4.27	63.09	As declared on sack.
10.15	14.00	15.58	3.50	3.91	9.00	8.77	8.29	53.30	" "
9.12	20.00	20.88	4.00	4.38	7.00	6.33	7.90	51.39	" "
10.73	10.00	10.00	2.00	3.69	5.00	2.43	1.90	71.25	" "
8.81	18.00	19.48	4.00	4.51	7.00	6.97	9.25	50.98	" "
7.79	24.00	27.38	6.00	6.43	20.00	17.64	4.10	36.66	" "
10.44	16.00	20.60	3.00	3.96	15.00	9.24	6.26	49.50	A.
11.01	24.00	19.24	3.00	2.98	10.00	9.07	6.40	51.30	B.
10.82	24.00	19.39	4.00	2.47	8.50	8.65	6.84	51.83	C.
10.50	20.00	18.12	3.00	3.01	12.00	10.65	6.24	51.48	D.
9.94	16.00	15.69	3.50	2.46	12.00	15.05	7.99	48.87	E.
9.01	20.00	19.31	4.00	5.08	7.00	5.62	7.75	53.23	As declared on sack.
10.41	20.00	21.67	4.00	4.97	7.00	6.84	8.80	47.31	" "
9.09	17.50	17.20	4.00	3.93	6.50	6.86	5.45	57.47	" "
10.92	9.00	11.13	3.50	3.66	9.00	7.07	4.38	62.84	" "
9.04	14.00	17.72	3.50	3.83	6.00	7.75	5.40	56.26	" "
10.54	10.00	10.83	2.50	2.52	3.00	1.43	1.65	73.03	" "
8.89	19.00	20.88	4.00	4.64	7.00	7.46	7.10	51.03	F.
5.98	50.00	48.79	6.00	11.21	3.00	2.55	30.80	.67	As declared on sack.
10.62	24.00	26.85	3.00	2.79	8.00	6.80	9.67	43.27	" "
6.76	34.00	35.63	4.00	3.99	8.00	7.44	17.90	28.28	" "
8.25	40.00	41.11	4.00	4.68	8.00	8.01	14.45	23.50	" "
8.42	14.00	17.75	3.50	3.54	7.00	7.03	7.62	55.64	" "
6.69	32.00	35.54	4.00	3.96	8.00	5.64	16.90	31.27	" "
4.68	17.00	17.81	2.00	2.35	27.00	26.28	8.40	40.48	" "
6.11	50.00	51.07	8.00	8.71	2.00	2.17	30.10	1.84	" "
7.82	58.00	60.64	4.00	7.19	1.75	.25	16.20	7.90	" " G.
7.89	58.00	57.92	5.00	9.99	1.75	.72	19.45	4.03	" "
8.09	58.00	58.09	5.00	7.83	1.75	.35	18.35	7.29	" "
10.19	15.00	15.09	4.00	4.25	6.50	6.23	3.90	60.34	" "

A—Also detected Ground Barley.
B—Also detected Cocoanut Oil Meal, Dried Brewers Grains and Corn Gluten Feed—Unable to detect Rye Distillers Grains.
C—Unable to detect Corn Distillers Dried Grains.
D—Also detected Rice Bran, Cocoanut Oil Meal—Unable to detect Dried Rye Distillers Grains.
E—Also detected Cotton Seed Meal and Rice Bran—Unable to detect Rye Distillers Grains.
F—Unable to detect Corn Gluten Meal.
G—Fat guarantee on sack differs from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
Metcalfe Brothers, Chestertown, Md.		
Chester Poult Mash	Chestertown	8.04
Leo H. Michael, Buckeystown, Md.		
Michael's Laying Mash	Buckeystown	9.53
Michigan Producers Dairy Co., Adrian, Mich.		
M. P. D. Skim Milk Powder	St. Michaels	
Middletown Flour Mills, Middletown, Del.		
Soft Winter Wheat Middlings	Cambridge	9.41
Molaso Meal & Manufacturing Co., Baltimore, Md.		
Molaso Meal	Germantown	7.39
The Mt. Airy Milling Co., Mt. Airy, Md.		
Lamore Egg Mash	Mount Airy	10.30
Murphy Grain Co., Chicago, Ill.		
‡Murphy's Brewers Dried Grains	Barnesville	10.45
Mutual Rendering Co., Inc., Philadelphia, Pa.		
Mureco Meat Scrap	Baltimore	6.55
Mureco Meat Scrap	Baltimore	6.7
Mureco Meat Scrap	Pocomoke City	6.5
Mureco Meat and Bone	Mardela Springs	6.8
Mureco Meat and Bone	Baltimore	5.7
Mureco Meat and Bone	Baltimore	5.9
Mureco Meat and Bone		
Nebraska Consolidated Mills Co., Omaha, Neb.		
‡Pure Wheat Bran	Baltimore	8.1
The Neumond Company, St. Louis, Mo.		
"Neumond" Dried Brewers' Grains	Gaithersburg	5.8
"Neumond" Dried Brewers' Grains	Germantown	7.0
New Richmond Roller Mills Co., New Richmond, Wis.		
*Feeding Oatmeal	Frederick	9.2
The Newsone Feed & Grain Co., Pittsburgh, Pa.		
Palmo Midds	Westminster	5.6
O. A. Newton & Son Co., Bridgeville, Del.		
"Cedar View" Laying Msh	Hurlock	9.2
"Cedar View" Growing Mash	Hurlock	9.6
Northern Oats Co., Minneapolis, Minn.		
‡Go Fer Brand Reground Oat Hulls	Baltimore	5.

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.04	20.00	23.08	5.00	4.62	14.00	9.73	9.70	44.83	As declared on sack.
9.53	18.00	21.76	5.00	5.21	12.00	7.94	10.30	45.26	" "
.....	33.00	33.26	.25	x.75	.....	.....	8.00	.....	" "
9.41	12.00	13.34	3.00	3.96	8.00	6.30	4.60	62.39	" "
7.39	10.00	11.85	2.00	3.26	8.00	9.74	7.30	60.46	" "
10.30	19.00	19.22	5.50	5.10	8.00	7.59	10.95	46.84	" "
10.45	24.00	23.60	5.00	6.08	19.00	14.79	3.35	41.73	" "
6.55	55.00	55.29	6.00	10.48	2.00	2.17	25.40	.11	" "
6.71	55.00	57.04	6.00	10.11	2.00	2.39	25.05	.....	" "
6.50	50.00	50.02	6.00	9.89	2.00	1.86	30.50	1.23	" "
6.88	50.00	51.34	6.00	7.05	2.00	1.61	32.35	.77	" "
5.77	50.00	51.69	6.00	10.82	2.00	1.79	29.90	.03	" "
5.96	45.00	45.46	6.00	9.61	2.00	1.43	37.50	.04	" "
8.18	15.50	15.62	3.50	4.57	11.00	10.71	7.20	53.72	" "
5.85	24.00	24.22	4.50	4.99	18.00	13.78	3.70	47.46	" "
7.09	24.00	31.73	4.50	5.45	18.00	14.66	2.95	38.12	" "
9.21	15.00	16.67	5.00	4.21	3.75	4.26	2.45	63.20	" "
5.69	16.00	16.76	7.00	9.22	9.00	8.04	5.25	55.04	" "
9.26	18.00	18.78	4.00	4.89	7.50	6.70	10.15	50.22	" "
9.66	15.00	16.23	3.50	4.64	6.00	5.33	7.20	56.94	" "
5.33	3.50	4.21	1.25	1.21	32.50	34.24	6.18	48.82	" "

x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
Norton & Company, Washington, D. C.		
Bone and Meat Scrap	Derwood	5.0
Bone and Meat Scrap	Upper Marlboro	6.5
Bone and Meat Scrap	Upper Marlboro	6.3
The Northwestern Consolidated Milling Division of Standard Milling Co., Minneapolis, Minn.		
Pure Wheat Bran	Derwood	8.4
Wheat Standard Middlings, with Ground Wheat Screenings N. Ex. M. R.	Baltimore	9.8
Nowak Milling Corporation, Hammond, Ind.		
*Domino 32% Mixing Dairy Feed	Barnesville	8.0
Domino 24½% Dairy Feed	Ellicott City	9.6
‡Domino Super-Mix, with Molasses	Barnesville	8.6
Cream-O-Lene Dairy Feed	Barnesville	8.7
Fidelity Dairy Feed	Barnesville	8.9
*Domino Butterine Dairy Feed	Harmony Grove	9.1
Domino Egg Pel-ets	Harmony Grove	8.8
Domino Growing Pel-ets	Ellicott City	8.9
Domino Growing Pel-ets	Harmony Grove	6.4
Marathon Poultry Fattener	Harmony Grove	8.4
Domino Growing and Fattening Turk-ets	Ellicott City	7.9
Domino Growing and Fattening Turk-ets	Harmony Grove	9.3
Domino Starting Turk-ets	Ellicott City	8.8
Domino Goet-ets	Harmony Grove	9.3
Nuttle Milling Co., Denton, Md.		
Ideal Laying Mash, with Cod Liver Oil	Denton	8.
Ideal Growing Mash, with BM. and Cod Liver Oil	Denton	9.
Ideal Turkey Mash, with BM. and Cod Liver Oil	Denton	7.
Geo. F. Obrecht Co., Baltimore, Md.		
†Obrecht's 24% Dairy Feed	Baltimore	8.
Obrecht's Growing Mash	Baltimore	9.
Obrecht's Chick Feed	Baltimore	9.
Owings Brothers, York, Pa.		
June Bug 22% Dairy Feed	Jarrettsville	8.
June Bug Laying Mash, with Cod Liver Oil	Jarrettsville	8.
June Bug Growing Mash, with Cod Liver Oil	Jarrettsville	9.
Pure Wheat Bran	Cardiff	9.
†Pure Wheat Middlings	Cardiff	10.
June Bug Turkey Growing Mash, with Cod Liver Oil	Jarrettsville	9.
The Park & Pollard Co., Buffalo, N. Y.		
*Manamar Dairy Mixing Ration	Walkersville	9
Doublex 24% Dairy Ration	Walkersville	8
Manamar Doublex 20% Dairy Ration	Walkersville	8
Park & Pollard Manamar Fitting Ration	Walkersville	9

* Deficient in protein or fat.
‡ Sampled before registration.
† Deficient in both protein and fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
5.01	50.00	49.93	8.00	9.67	2.00	2.71	32.55	.13	As declared on sack.	
6.53	50.00	49.93	8.00	11.67	2.00	2.41	29.20	.26	"	"
6.32	50.00	50.02	8.00	9.32	2.00	2.38	31.60	.36	"	"
8.45	14.00	17.81	4.00	5.01	12.00	9.89	6.60	52.24	"	"
9.86	15.00	17.02	4.00	4.59	9.50	9.57	6.40	52.56	"	"
8.00	32.00	30.65	4.00	4.38	9.00	7.68	14.45	34.84	"	"
9.65	24.50	25.85	4.50	4.42	9.00	8.41	11.66	40.01	"	"
8.69	24.00	25.41	2.50	3.73	8.00	9.79	11.92	40.46	"	"
8.70	24.00	24.44	4.00	3.64	12.00	10.26	12.14	40.82	"	"
8.90	20.00	22.64	4.00	4.77	11.00	8.17	13.65	41.87	"	"
9.16	17.00	18.77	4.00	3.41	12.00	11.62	13.17	43.87	"	"
8.83	20.00	20.36	4.50	4.89	7.50	6.32	10.00	49.60	"	"
8.92	15.00	19.66	4.50	4.48	5.50	5.42	10.85	50.67	"	"
6.45	15.00	19.31	4.50	4.15	5.50	6.24	9.40	54.45	"	"
8.43	13.50	15.80	4.00	4.66	7.00	7.09	6.50	57.52	"	"
7.94	17.00	19.48	4.00	4.14	8.00	6.79	10.45	51.20	"	"
9.51	17.00	16.67	4.00	6.33	8.00	7.15	9.80	50.54	"	"
8.25	22.00	23.28	4.00	4.78	7.00	6.26	12.25	45.18	"	"
9.82	16.00	17.20	3.50	3.52	8.00	9.47	10.95	49.04	"	"
8.47	20.00	20.01	5.00	5.28	8.00	7.91	11.45	46.88	"	"
9.41	15.00	15.53	4.00	4.44	6.00	4.88	8.75	56.99	"	"
7.48	18.00	18.08	4.50	6.28	8.00	6.75	8.80	52.61	"	"
8.00	24.00	22.77	4.00	3.43	12.00	9.57	9.46	46.77	"	"
9.59	16.00	18.60	4.00	5.51	7.00	6.81	8.50	50.99	"	" A.
9.95	9.00	11.93	2.50	4.64	3.00	1.85	2.25	69.38	B.	
8.84	22.00	23.69	4.00	3.62	11.00	10.63	9.10	44.12	As declared on sack.	
8.49	20.00	21.97	3.00	4.95	7.00	7.00	11.60	45.99	"	"
9.44	16.00	17.90	3.00	5.15	8.00	6.74	8.10	52.67	"	"
9.17	13.00	13.34	3.00	3.80	12.00	9.88	7.30	56.51	"	"
10.41	15.00	13.95	5.00	4.11	5.00	4.99	4.30	62.24	"	" C.
9.41	20.00	21.94	3.00	4.22	8.00	7.01	8.65	48.77	"	"
9.06	26.00	26.00	4.00	3.45	9.00	7.53	7.49	46.47	"	"
8.36	24.00	27.75	3.50	3.46	11.00	8.42	8.87	43.14	"	"
8.05	20.00	22.76	3.50	3.42	11.00	9.17	10.79	45.81	"	"
9.86	12.00	13.69	3.50	3.54	7.00	6.98	9.64	56.29	"	"

A—Protein and Fat guarantee on sack different from license.
B—Ingredients on sack differ from license. Unable to detect Millet—also detected Cracked Milo Maize and Kaffir Corn.
C—Fat and Fibre guarantee on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Park & Pollard Co., Buffalo, N. Y. (Continued)	
Manamar Lay or Bust Dry Mash	Walkersville
Bidwell Laying Mash	Walkersville
Manamar Life Cycle Mash	Walkersville
Park & Pollard Starter and Broiler Mash	Walkersville
Hi-Valu Scratch Feed (Pellets)	Walkersville
‡Park & Pollard Turkey Starter	Walkersville
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	
Peevee Alfalfa Leaf Meal	Baltimore
Peevee Alfalfa Leaf Meal	Frederick
Alfalfa Meal	Baltimore
Penick & Ford Ltd., Inc., Cedar Rapids, Iowa	
Douglas Corn Gluten Feed	Keymar
Perkins Oil Co., Memphis, Tenn.	
*‡Golden Rod Brand Cottonseed Meal	Snow Hill
Pevely Dairy Co., St. Louis, Mo.	
‡Pevely	Ellicott City
Pevely	Baltimore
Phoenix Flour Mills, Davenport, Iowa	
Wheat Brand	Sykesville
Hard Wheat Standard Middlings, with M. R. of Ground Wheat Screenings	Sykesville
Pillsbury Flour Mills Co., Minneapolis, Minn.	
Pillsbury's Hard Wheat Bran, with Ground Wheat Screenings N. Ex. M. R.	Hagerstown
Pillsbury's Hard Wheat Standard B. Middlings, with Ground Wheat Screenings N. Ex. M. R.	Jarrettsville
Pillsbury's Hard Wheat A. Middlings, with Ground Wheat Screenings N. Ex. M. R.	Hagerstown
Maurice Pincoffs Co., Houston, Texas	
41% Protein Cotton Seed Meal	Rocky Ridge
Pratt Food Co., Buffalo, N. Y.	
Pratt's Sweet 32% Dairy Feed	Ellicott City
Utility Sweet 24% Dairy Feed	Ellicott City
Pratt's Sweet 24% Dairy Feed	Ellicott City
*Pratt's B-P. Dairy Feed	Baltimore
Utility Sweet 20% Dairy Feed	Elkton
Utility Sweet 20% Dairy Feed	Ellicott City
Pratt's Sweet 16% Dairy Feed	Hagerstown
‡Pratt's 32% Grain Supplement for Poultry	Centreville
Pratt's Cak Cak Egg Mash, with BM, Fish, Meat, etc.	Berwyn
Pratt's Laying Mash, with BM.	Berwyn
Pratt's Growing Mash, with BM.	Berwyn

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
9.01	18.00	19.92	3.00	4.78	7.00	7.25	11.70	47.34	As declared on sack.	
8.71	18.00	18.78	3.00	4.28	8.00	7.92	9.00	51.31	"	"
10.54	16.00	18.08	3.50	4.57	7.00	6.89	8.55	51.37	"	"
9.93	18.00	19.66	4.00	4.52	6.00	6.08	11.35	48.46	"	"
9.99	10.00	15.01	2.50	5.07	7.50	7.33	5.25	57.35	"	"
9.36	26.00	26.66	4.00	5.02	6.00	6.14	12.15	40.67	"	"
8.67	20.00	20.36	2.50	2.73	18.00	19.85	11.40	36.99	"	"
8.00	20.00	20.27	2.50	2.31	18.00	19.98	9.76	39.68	"	"
6.87	13.00	12.99	1.50	1.58	36.00	34.32	9.10	35.14	"	" A.
9.26	25.00	28.08	1.50	1.82	8.50	6.76	7.45	46.63	"	"
7.15	41.00	40.28	6.00	4.27	10.00	10.69	6.45	31.16	"	"
.....	32.00	32.21	1.00	x1.47	.....	.....	8.20	.....	"	"
.....	32.00	33.78	1.00	x1.12	.....	.....	8.30	.....	"	"
5.68	16.00	17.46	4.00	4.09	11.00	10.29	7.35	55.13	"	"
9.23	16.00	18.39	4.00	4.45	9.50	8.48	6.20	53.25	"	"
9.25	14.00	15.09	4.00	4.11	12.00	10.53	7.00	54.02	"	"
9.57	15.00	17.29	4.00	4.39	9.50	8.85	5.55	54.35	"	"
9.56	16.00	17.64	4.00	4.41	6.00	5.14	4.00	59.25	"	"
8.42	41.00	41.07	5.00	6.21	11.00	11.99	5.75	26.56	"	"
8.01	32.00	33.65	4.50	4.91	9.00	7.77	5.81	39.85	"	"
8.06	24.00	26.72	4.00	4.33	10.00	9.47	7.47	43.95	"	"
8.85	24.00	25.49	4.00	4.48	10.00	9.72	7.05	44.41	"	"
8.82	21.00	22.50	4.00	3.30	10.00	7.71	8.17	49.50	"	"
8.93	20.00	20.43	4.00	3.94	12.00	10.38	8.26	48.06	"	"
8.55	20.00	21.17	4.00	3.93	12.00	10.43	7.49	48.43	"	"
8.08	16.00	20.41	3.50	3.53	12.00	11.19	7.21	49.58	"	"
8.81	32.00	32.21	4.00	4.91	6.00	5.98	11.55	36.54	"	"
9.29	18.00	20.54	4.00	4.29	8.00	6.87	6.64	52.37	"	"
9.47	20.00	22.64	4.50	4.56	7.25	6.47	8.85	48.01	"	"
9.51	17.50	18.69	4.00	4.42	6.00	6.32	8.10	52.96	"	"

A—Fibre guarantee on sack differ from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
Pratt Food Co., Buffalo, N. Y. (Continued)		
Utility Growing Mash	Berwyn	9.68
Pratt's Broiler Finishing Mash	Hagerstown	8.64
Pratt's Broiler Mash, with BM.	Ellicott City	9.66
Pratt's Worming Feed, with BM.	Ellicott City	9.50
‡Pratt's Flushing Mash, with BM.	Sudlersville	10.19
Pratt's Calf Meal, with BM.	Ellicott City	9.03
Pratt's All Mash Chick Starter, with BM.	Elkton	9.38
Pratt's Turkey Growing and Finishing Feed, with BM.	Centreville	8.19
Pratt's Turkey Starter, with BM.	Ellicott City	12.09
Pratt's Turkey Starter, with BM.	Centreville	8.65
Utility Turkey Starter and Grower	Centreville	8.92
Pratt's Complete Rabbit Pellets, with BM.	Baltimore	8.03
The Quaker Oats Co., Chicago, Ill.		
Quaker 24% Protein Dairy Ration	Baltimore	8.01
Quaker 20% Protein Dairy Ration	Baltimore	9.91
‡Big Egg Laying Mash-Pellets	Federalsburg	8.9
Big Egg Laying Mash	Baltimore	7.2
Quaker Ful-O-Pep Egg Mash	Mt. Lake Park	8.3
Quaker Ful-O-Pep Egg Mash	Baltimore	6.5
Quaker Ful-O-Pep Growing Mash	Baltimore	7.6
Quaker Ful-O-Pep Broiler Mash	Annapolis	10.0
Quaker Ful-O-Pep Crate Fattener	Baltimore	8.8
Quaker Ful-O-Pep Crate Fattener	Federalsburg	9.2
Vim Oat Mill Feed	Baltimore	5.7
Quaker Ful-O-Pep Developer	Mt. Lake Park	9.6
Quaker Ful-O-Pep Developer	Baltimore	7.8
Quaker Ful-O-Pep Developer	Annapolis	7.7
Quaker Ful-O-Pep Turkey Grower	Federalsburg	10.0
Ralston Purina Co., St. Louis, Mo.		
Purina Milking Cow Chow (34%)	Frederick	8.1
Purina Milking Cow Chow (24%)	Frederick	8.2
Purina Milking Cow Chow (20%)	Hyattsville	9.2
Purina Egg Chowder	Baltimore	8.6
Purina Lay Chow	Myersville	10.8
Purina Layena (Complete Ration)	Myersville	10.0
Purina Layena (Complete Ration)	Hyattsville	9.4
Protena Laying Mash	Hyattsville	9.2
Purina Family Flock Chow	Hampstead	8.9
Purina Broiler Chow	Hyattsville	9.5
Purina Chicken Fatena	Hyattsville	8.8
Purina Chick Growena	Myersville	11.3
Purina Pig and Hog Chow	Taneytown	8.5
Purina Heifer Growing Chow	Hyattsville	10.4
Purina Calf Startena	Ellicott City	10.2
Purina Turkey Growing Chow	Mt. Lake Park	9.3
Purina Turkey Growing Chow	Annapolis	10.3
Purina Turkey Growena	Mt. Airy	6.0
Purina Turkey Startena	Annapolis	9.7

‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found			
9.68	16.00	18.08	4.00	4.49	6.00	6.33	7.30	54.12	As declared on sack.
8.64	16.00	17.99	4.00	4.08	6.00	6.67	6.30	56.32	" "
9.66	16.50	19.57	4.00	4.66	6.00	5.54	8.55	52.02	" "
9.50	20.00	22.99	4.50	4.24	7.25	6.78	9.90	46.59	" "
10.19	11.00	11.85	2.50	2.42	4.00	2.96	6.20	66.38	" "
9.03	24.50	24.66	4.00	4.39	4.00	3.17	7.65	51.10	" "
9.38	16.00	17.99	3.50	3.21	4.00	5.03	7.90	56.49	" "
8.19	21.00	21.41	5.00	5.85	7.00	7.08	10.25	47.22	" "
12.09	25.00	24.84	4.50	5.53	6.00	5.46	12.80	39.28	" "
8.65	25.00	25.01	4.50	5.16	6.00	5.37	14.45	41.36	" "
8.92	21.00	22.90	4.00	4.23	9.50	8.58	9.25	46.12	" "
8.03	14.00	14.74	2.00	3.01	20.00	18.74	8.00	47.48	" "
8.01	24.00	24.16	3.50	4.33	12.00	11.49	8.58	43.43	" "
9.91	20.00	20.34	4.00	4.44	12.00	11.30	9.76	44.25	" "
8.95	18.00	18.25	4.00	4.89	8.00	7.55	5.90	54.46	" "
7.21	18.00	19.04	4.00	5.08	8.00	8.25	6.60	53.82	" "
8.37	20.00	20.75	4.50	5.83	8.00	7.93	8.93	48.19	" "
6.51	20.00	20.53	4.50	5.66	8.00	7.53	8.25	51.52	" "
7.62	19.00	19.13	5.00	5.32	6.00	5.77	7.20	54.96	" "
10.02	19.00	20.74	5.00	5.17	7.00	5.54	6.30	52.23	" "
8.81	13.00	15.42	4.00	4.26	7.50	6.97	3.00	61.54	" "
9.27	13.00	15.14	4.00	4.24	7.50	6.79	3.12	61.44	" "
5.74	5.00	5.79	1.50	2.07	30.00	29.40	6.30	50.70	" "
9.62	15.00	16.28	5.00	4.62	9.00	8.75	5.46	55.27	" "
7.86	15.00	15.28	5.00	5.14	9.00	8.83	4.52	58.37	" "
7.73	15.00	15.45	5.00	6.18	9.00	9.02	6.00	55.62	" "
10.06	20.00	20.32	4.50	5.36	8.00	8.00	8.63	47.63	" "
8.11	34.00	35.52	3.50	3.72	12.00	8.06	8.28	36.31	" "
8.20	24.00	26.14	4.00	3.95	12.00	11.07	7.85	42.79	" "
9.27	20.00	23.09	4.00	4.15	12.00	9.48	6.52	47.49	" "
8.67	21.00	20.53	3.50	4.98	8.00	6.94	11.25	47.63	" "
10.89	21.00	20.45	3.50	5.08	8.00	6.77	10.60	46.21	" "
10.08	15.50	17.11	3.50	4.89	8.00	4.94	9.30	53.68	" "
9.47	15.50	17.81	3.50	5.85	8.00	5.59	7.90	53.38	" "
9.25	18.00	19.48	3.50	4.84	8.50	7.74	8.30	50.39	" "
8.99	18.00	19.57	3.50	4.35	8.00	7.59	11.75	47.75	" "
9.57	18.00	20.53	4.00	5.61	7.00	6.13	6.10	52.06	" "
8.87	14.00	19.13	4.00	4.74	7.50	6.44	4.60	56.22	" "
11.37	15.00	17.81	3.50	4.39	7.00	7.01	6.10	53.32	" "
8.36	36.00	37.98	3.00	4.08	14.00	9.26	13.27	27.05	" "
10.47	14.00	16.70	2.50	2.83	14.00	9.20	9.47	51.33	" "
10.22	19.50	21.15	3.00	3.18	9.50	8.90	6.91	49.64	" "
9.87	21.00	22.20	3.50	5.50	8.00	5.76	7.00	49.67	" "
10.59	21.00	22.46	3.50	5.61	8.00	6.18	6.90	48.26	" "
6.02	18.00	19.13	4.00	4.67	7.00	5.60	5.50	59.08	" "
9.75	26.00	28.08	4.50	7.09	6.00	4.49	6.65	43.94	" "

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Red Wing Milling Co., Red Wing, Minn.	
‡Red Wing Special Standard Pure Wheat Middlings	Detour
‡Red Wing Special Standard Pure Wheat Middlings	Hampstead
A. F. Rees, Inc., Hanover, Pa.	
Rees Meat Scrap	Middleburg
The Reindollar Co., Taneytown, Md.	
20% Dairy Ration	Taneytown
16% Sweet Dairy Feed	Taneytown
Egg Mash, with Cod Liver Oil	Taneytown
Egg Mash	Taneytown
Pig and Hog Meal	Taneytown
The Richards Milling Co., Cortland, Ohio	
*Richard's 16% Dairy Feed	Friendsville
Richard's Cash Laying Mash	Friendsville
Richardson Brothers, Westminster, Md.	
*Richbro Walck Laying Mash	Westminster
Richbro Hog and Pig Meal	Westminster
Daniel Rider, Inc., Baltimore, Md.	
Winner 20% Dairy	Baltimore
Rinaman & Brown, Hampstead, Md.	
Brown's Egg Mash	Hampstead
Roanoke City Mills, Inc., Roanoke, Va. Registered by Herbert Bryant, Inc.	
‡Master Mill Feed	Washington Grove
Robinson Brothers, Cardiff, Md.	
*Robinson's 32% Dairy Ration	Darlington
*Robinson's 20% Dairy Ration	Darlington
*Robinson's Quality 20% Laying Mash	Cardiff
Rodney Milling Co., Kansas City, Mo.	
Heart of America Pure Wheat Bran	Denton
W. D. Roe & Son., Sudlersville, Md.	
Roe's Lay More Mash	Sudlersville
*Roe's Grow More Mash, with BM	Sudlersville
C. E. Routzahn Company, Breathedsville, Md.	
Dairy Feed	Breathedsville
Laying Mash	Breathedsville
Hog Feed	Breathedsville
B. H. Rudo & Brother, Baltimore, Md.	
‡Prattdale Scratch Feed	Forest Hill

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.14	16.00	19.57	5.10	5.27	9.60	7.13	5.35	52.54	As declared on sack.
9.92	16.00	19.92	5.10	5.25	9.60	8.16	5.52	51.23	" "
6.23	50.00	51.16	10.00	10.27	2.25	1.79	29.50	1.05	A.
9.56	20.00	20.53	4.00	3.92	12.50	9.69	8.90	47.40	As declared on sack.
10.50	16.00	15.95	3.00	3.45	11.00	8.40	8.28	53.42	" "
8.95	18.00	19.74	4.50	5.54	8.00	6.91	12.30	46.56	" "
10.37	20.00	20.09	4.00	4.13	8.00	5.77	11.55	48.09	" "
9.98	16.50	17.38	4.50	4.35	7.00	5.23	8.90	54.16	" "
10.90	16.00	18.41	3.00	1.93	12.00	7.16	7.61	53.99	B.
9.17	20.00	21.94	3.00	4.34	6.90	7.42	9.55	47.58	C.
8.75	20.00	20.71	5.00	4.43	9.00	6.86	11.10	48.15	As declared on sack.
10.41	15.00	15.01	5.00	4.59	7.00	4.62	6.95	58.42	" "
9.99	20.00	22.35	4.00	3.95	11.00	10.67	6.88	46.16	D.
9.09	18.00	21.41	4.00	4.65	6.00	6.59	7.90	50.36	As declared on sack.
9.85	14.00	14.00	4.00	3.74	10.46	9.07	6.05	57.29	" "
8.01	32.00	33.90	5.00	3.44	9.50	8.09	8.27	38.29	" "
8.22	20.00	21.04	4.50	3.47	10.00	9.60	8.64	49.03	" "
9.43	20.00	18.57	4.00	4.06	7.50	7.11	8.57	52.26	" "
8.75	16.50	17.38	3.50	4.21	10.00	10.09	7.20	52.37	" " E.
9.00	18.00	18.12	4.75	4.55	9.25	9.09	10.83	48.41	" "
9.16	17.25	17.25	5.25	4.54	7.00	6.19	8.40	54.46	" "
10.40	16.00	16.67	4.00	5.01	6.00	7.32	6.15	54.45	F.
11.10	18.00	17.99	4.00	4.47	7.00	6.41	11.65	48.38	G.
11.26	17.00	17.46	4.00	3.85	5.00	4.02	7.85	55.56	G.
11.58	10.00	10.44	2.50	2.75	4.00	2.31	1.80	71.12	H.

A—Should be designated as Meat and Bone Scraps.
B—Unable to detect Linseed Oil Meal.
C—Fibre guarantee and ingredients on sack differ from license.
D—Also detected Weed Seed.
E—Fat guarantee on sack differs from license.
F—Unable to detect Corn—also detected Corn and Cob Meal. Ingredients on sack differ from license.
G—Ingredients on sack differ from license.
H—Unable to detect Barley.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Russell-Miller Milling Co., Minneapolis, Minn.	
Hard Wheat Occident Standard Middlings	Hampstead
St. Michaels Milling Co., St. Michaels, Md.	
*Quillin's Laying Mash	St. Michaels
Quillin's Growing Mash	St. Michaels
Quillin's Turkey Growing Mash	St. Michaels
Quillin's Turkey Starter, with Cod Liver Oil	St. Michaels
Saunders Mills, Inc., Toledo, Ohio	
Leaf Velvet Brand Alfalfa Meal	Baltimore
*Dehydrated Alfalfa Meal-Carotene Brand Poultry Meal	Hagerstown
‡Dehydrated Alfalfa Meal-Carotene Brand	Hagerstown
Alfalfa Meal	Hagerstown
Wm. G. Scarlett & Co., Baltimore, Md.	
Oriole Brand AA. Pigeon Feed	Baltimore
Oriole Brand AA. Pigeon Feed	Hyattsville
Oriole Brand Special Pigeon Feed	Baltimore
Oriole Brand Four Grain Racing Pigeon Feed	Baltimore
Jos. Schlitz Brewing Co., Milwaukee, Wis.	
‡Schlitz Purity Brewers' Dried Grains	Gaithersburg
Schenley Products Co., New York, N .Y.	
Schenley Corn Distillers' Dried Grains	Elkton
The Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.	
Esskay Quality Meat and Bone Scrap	Thurmont
Esskay Quality Digester Tankage	Thurmont
Schoeneck Farms, Inc., Nazareth, Pa.	
‡*Keystone Brand	Cambridge
Keystone Brand	Berlin
Sea Board Supply Co., Inc., Philadelphia, Pa.	
S. B. S. Fish Meal	Cambridge
S. B. S. Fish Meal	Cambridge
B. F. Sheesley & Son, Harrisburg, Pa.	
*Sheelsley's Pure Col-Seed Oil Meal	Gaithersburg
Shellabarger Grain Products Co., Decatur, Ill.	
‡Shellabarger's Cooked Soybean Oil Meal	Baltimore
The Sherwin Williams Co., Cleveland, Ohio	
Sherwin Williams Pure Old Process 32% Linseed Meal	Chewsville
M. L. Shoemaker & Co., Inc., Philadelphia, Pa.	
Shoemaker's "Swift-Sure" Ground Meat and Bone Scrap for Poultry	Berlin

* Deficient in protein or fat.
‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients		
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND					
10.07	15.00	**20.01**	4.00	**5.12**	9.50	**8.58**	**5.30**	**50.92**	As declared on sack.		
8.90	20.00	**21.32**	5.00	**4.49**	7.00	**6.63**	**12.20**	**46.46**	"	"	
8.78	16.00	**17.11**	4.00	**4.18**	6.00	**5.62**	**8.40**	**55.91**	"	"	
8.77	20.00	**20.71**	4.50	**4.61**	7.00	**7.21**	**9.95**	**48.75**	"	"	
9.39	22.00	**22.11**	4.50	**5.06**	7.00	**6.80**	**8.35**	**48.29**	"	"	
10.15	20.00	**20.45**	1.50	**2.68**	18.00	**19.93**	**11.60**	**35.19**	"	"	
7.50	17.00	**15.84**	1.50	**2.68**	25.00	**29.56**	**8.45**	**35.97**	"	"	A.
6.89	13.00	**13.42**	1.50	**1.52**	33.00	**36.00**	**6.80**	**35.37**	"	"	
7.37	13.00	**14.48**	1.50	**1.56**	33.00	**30.85**	**7.90**	**37.84**	"	"	
9.49	13.00	**13.54**	3.50	**3.76**	4.00	**3.97**	**2.00**	**67.24**	"	"	
9.84	13.00	**13.51**	3.50	**3.99**	4.00	**4.07**	**2.20**	**66.39**	"	"	
9.00	16.00	**16.15**	3.00	**3.25**	4.00	**4.07**	**1.70**	**65.83**	B.		
10.84	15.00	**17.11**	3.00	**2.99**	5.00	**3.81**	**2.55**	**62.70**	As declared on sack.		
7.40	24.00	**24.22**	6.00	**5.63**	20.00	**17.83**	**3.40**	**41.52**	"	"	
6.76	28.00	**31.24**	8.00	**8.02**	13.00	**12.82**	**2.95**	**38.21**	"	"	
6.13	50.00	**51.07**	6.00	**13.46**	5.00	**1.51**	**30.40**	.....	"	"	
4.75	60.00	**59.50**	8.00	**6.19**	5.00	**2.67**	**23.80**	**3.09**	"	"	
8.03	17.00	**15.62**	2.00	**2.39**	25.00	**21.63**	**8.00**	**44.33**	"	"	
6.71	17.00	**18.78**	2.00	**2.62**	25.00	**23.72**	**10.70**	**37.47**	"	"	
8.32	55.00	**59.50**	5.00	**7.27**	3.00	**.69**	**17.20**	**7.02**	"	"	
9.01	55.00	**61.16**	5.00	**9.38**	3.00	**2.21**	**14.25**	**3.99**	"	"	
9.38	34.00	**35.72**	10.00	**7.84**	10.00	**10.00**	**5.25**	**31.81**	"	"	
9.58	41.00	**43.35**	4.50	**5.62**	7.50	**4.79**	**6.15**	**30.51**	"	"	
7.99	32.00	**36.24**	4.50	**4.52**	9.00	**8.73**	**5.00**	**37.52**	"	"	C.
5.68	50.00	**51.78**	6.00	**10.01**	3.00	**1.47**	**30.80**	**.26**	"	"	

A—Fibre guarantee on sack differs from license.
B—Ingredients on sack differ from license.
C—Acid Insoluble Ash 0.16%.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Sinton Brothers & Co., Baltimore, Md.	
*Guilford Dairy Feed	Baltimore
Guilford Laying Mash	Baltimore
The W. J. Small Hay & Grain Co., Neodesha, Kan.	
Excello Fine Ground Dehydrated Alfalfa Meal	St. Michaels
H. Ray Smith, Doubs, Md.	
Lo-Cost Laying Mash	Doubs
Lo-Cost Growing Mash	Doubs
The Southern Cotton Oil Co., New Orleans, La.	
Sco-Co Brand 41% Prime Quality Cottonseed Meal	Gaithersburg
Southern States Cooperative Mills, Inc., Baltimore, Md.	
32% Supplemental Dairy Feed	Hagerstown
32% Supplemental Dairy Feed	Parkton
Milk Maker	Hagerstown
20% Dairy	Hagerstown
Exchange Dairy	Washington Grove
16% Dairy	Washington Grove
Special Laying and Breeding Mash	Hagerstown
Laying Mash, with Alfalfa Meal	Laurel
Market Laying Mash	Hagerstown
Growing Mash, with Milk	Washington Grove
Growing Mash	Laurel
Fitting Ration	Parkton
Supplemental Hog Feed	Hampstead
Hog Feed	Laurel
Wheat Flour Middlings, with Ground Screenings N. Ex. M. R.	Hagerstown
Chick and Broiler Mash	Hagerstown
Turkey Growing Mash	Cardiff
Turkey Starting Mash	Chestertown
Special Turkey Starting Mash	Chestertown
Springfield Roller Mills, Sykesville, Md.	
*Hering's Dairy Feed 24%	Sykesville
Hering's Dairy Feed 16%	Sykesville
*Hering's Laying Mash	Sykesville
A. E. Staley Manufacturing Co., Decatur, Ill.	
Staley's Soybean Oil Meal	Derwood
John T. Stanley Co., Inc., New York, N. Y.	
Stanley's 55% Meat and Bone Scrap	Baltimore
*Stanley's 55% Meat and Bone Scrap	Hampstead
*Stanley's 50% Meat and Bone Scrap	Hampstead
*Stanley's 50% Meat and Bone Scrap	Hampstead
*Stanley's 50% Meat and Bone Scrap	Baltimore

* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.36	16.00	17.02	5.50	4.73	14.00	13.87	5.14	49.88	As declared on sack.
9.23	20.00	20.18	5.00	4.53	7.00	9.09	10.74	46.23	" "
7.19	20.00	20.70	2.50	3.88	18.00	18.48	10.50	39.25	" "
10.56	16.50	16.50	4.50	4.47	7.00	7.51	7.75	53.21	" "
10.36	16.50	16.67	4.00	4.16	7.00	7.03	9.00	52.78	" "
7.01	41.00	41.42	5.00	7.62	13.00	10.47	7.45	26.03	" "
8.28	32.00	31.99	4.00	5.75	10.00	6.99	7.92	39.07	" "
8.75	32.00	32.09	4.00	5.86	10.00	7.44	7.79	38.07	" "
8.64	24.00	26.12	4.00	5.58	10.00	7.08	6.58	46.00	" "
8.70	20.00	21.48	3.00	4.67	12.00	10.08	7.16	47.91	" "
9.44	20.00	21.73	4.00	4.67	10.00	8.51	6.21	49.44	" "
8.62	16.00	18.52	3.50	3.93	12.00	10.59	7.07	51.27	" "
8.75	19.50	20.71	4.00	5.77	7.00	6.70	9.85	48.22	" "
8.71	20.00	20.80	4.00	5.15	7.00	6.05	9.60	49.69	" "
9.33	20.00	21.24	4.00	6.59	7.00	4.89	9.75	48.20	" "
9.36	17.50	19.66	4.50	5.36	7.50	7.38	7.33	50.91	" "
9.64	17.50	19.66	4.00	6.93	7.50	6.20	7.80	49.77	" "
11.33	13.00	14.53	3.00	5.00	8.50	6.11	6.70	56.33	" "
8.00	40.00	40.25	5.50	6.45	6.50	5.63	12.48	27.19	" "
8.77	17.00	18.60	3.50	5.41	6.00	4.64	4.80	57.78	" "
9.74	15.00	17.38	4.00	4.12	6.00	6.56	4.50	57.70	" "
9.66	17.50	18.87	4.00	4.75	6.50	5.91	8.30	52.51	" "
9.03	20.00	21.15	4.00	4.24	7.00	4.90	9.65	51.03	" "
8.54	24.00	23.96	4.00	4.94	7.00	6.53	10.55	45.48	" "
8.31	24.00	24.31	4.00	5.03	7.00	5.31	11.55	45.49	" "
10.21	24.00	25.82	4.00	3.47	8.50	6.79	9.74	43.97	" "
11.17	16.00	16.80	3.50	3.91	9.50	7.03	7.41	53.68	" "
10.79	20.00	21.73	5.00	4.46	7.00	5.56	9.98	47.48	" "
10.44	41.00	45.11	4.00	4.69	7.00	6.41	5.20	28.15	" "
6.32	55.00	55.01	10.00	10.60	3.00	3.58	23.90	.59	" "
6.06	55.00	52.32	10.00	13.62	3.00	2.68	27.65	.....	" "
6.47	50.00	46.60	10.00	14.31	3.00	2.05	29.40	1.17	" "
6.15	50.00	45.63	10.00	10.70	3.00	2.39	32.10	3.03	" "
6.64	50.00	47.65	10.00	11.69	3.00	2.60	29.40	2.02	" "

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
W. E. Stanton, Grantsville, Md.		
Stanton's Egg Mash	Grantsville	9.47
State Mill & Elevator, Grand Forks, N. D.		
‡Dakota Maid Pure Bran	Baltimore	8.24
Dakota Spring Wheat Middlings	Pocomoke City	9.97
‡Dakota Spring Wheat Middlings	Hebbville	10.54
‡Dakota Spring Wheat Middlings	Pocomoke City	11.91
E. Steen & Brother Co., Baltimore, Md.		
*Little Boy Blue Dairy Feed	Baltimore	11.94
Spring Garden Egg Mash	Baltimore	8.58
‡Spring Garden Egg Mash	Forest Hill	9.44
Blue Bird Laying Mash	Baltimore	8.58
Golden Goose Laying Mash, with BM.	Baltimore	8.72
Sweetened Grain Blowings	Medford	8.29
Arundel Hog Grower	Baltimore	9.43
D. A. Stickell & Sons, Inc., Hagerstown, Md.		
*Su-Pur Sweet 32% Mixing Ration	Rising Sun	9.15
Dairy Queen Sweet 20% Milk Maker	Manchester	8.93
Zip Sweet 16% Dairy Feed	Glyndon	9.33
Blue Ridge Egg Mash	Manchester	8.06
Blue Ridge Pig and Hog Ration	Manchester	9.80
‡Stickell's Calf Meal	Forest Hill	8.89
Su-Pur Turkey Growing Mash	Forest Hill	8.36
Su-Pur All Mash Turkey Starter	White Hall	8.90
F. W. Stock & Sons, Hillsdale, Mich.		
Stock's Bran	Keymar	10.5
The Chas. M. Struven Co., Baltimore, Md.		
Struven's Fish Meal	Hagerstown	7.64
Suffolk Oil Mill, Inc., Suffolk, Va.		
Peanut Meal	Ellicott City	5.46
Sunset Feed & Grain Co., Inc., Buffalo, N. Y.		
Sunset Brand Feed	Hagerstown	
Jersey Brand Feed	Frederick	
Supplee-Wills-Jones Milk Co., Philadelphia, Pa.		
Roller Process Skim Milk Powder	Hagerstown	
Swift & Company Oil Mills, Atlanta, Ga.		
Cottonseed Meal	Frederick	6.1
Swift & Company, Chicago, Ill.		
Swift's Meat and Bone Scraps	Berlin	6.7
Swift's Meat and Bone Scraps	Germantown	6.4
Swift's Digester Tankage	Frederick	6.7

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.47	20.00	**19.66**	4.00	**5.00**	8.00	**6.24**	**8.60**	**51.03**	As declared on sack.
8.24	15.00	**17.11**	5.00	**4.85**	12.00	**9.64**	**6.65**	**53.51**	" "
9.97	16.00	**18.08**	5.00	**4.74**	8.00	**6.73**	**4.70**	**55.78**	" "
10.54	16.00	**17.90**	5.00	**4.69**	8.00	**6.66**	**4.65**	**55.56**	" "
11.91	16.00	**18.43**	5.00	**4.68**	8.00	**6.54**	**4.60**	**53.84**	" "
11.94	16.00	**18.14**	3.50	**2.61**	13.00	**6.62**	**8.61**	**52.08**	A.
8.59	18.00	**18.95**	4.00	**5.22**	10.00	**6.52**	**7.60**	**53.12**	B.
9.44	18.00	**18.87**	4.00	**5.01**	10.00	**6.83**	**7.85**	**52.00**	As declared on sack.
8.58	18.00	**18.78**	4.00	**5.68**	10.00	**6.32**	**8.10**	**52.54**	B.
8.72	20.00	**20.18**	4.00	**6.06**	9.00	**6.55**	**10.05**	**48.44**	C.
8.23	9.00	**11.93**	2.00	**2.59**	20.00	**10.59**	**7.90**	**58.76**	As declared on sack.
9.43	16.50	**17.64**	4.50	**4.21**	7.00	**7.63**	**5.85**	**55.24**	D.
9.13	32.00	**30.72**	4.50	**4.91**	10.00	**9.08**	**9.09**	**37.07**	As declared on sack.
8.93	20.00	**23.60**	3.50	**3.88**	10.00	**7.89**	**10.23**	**45.47**	" "
9.32	16.00	**18.43**	3.00	**3.50**	12.00	**12.80**	**9.90**	**46.05**	D.
8.00	20.00	**22.20**	5.00	**6.39**	6.00	**6.09**	**10.50**	**46.82**	As declared on sack.
9.80	17.00	**18.84**	3.00	**4.41**	6.00	**6.32**	**10.64**	**49.99**	" "
8.89	15.00	**17.72**	5.00	**6.48**	6.00	**5.03**	**4.25**	**57.63**	D.
8.36	17.00	**19.31**	4.00	**6.04**	6.00	**7.53**	**11.15**	**47.61**	D.
8.96	22.00	**22.03**	4.00	**7.73**	6.00	**6.70**	**12.00**	**42.58**	As declared on sack.
10.54	17.50	**18.95**	4.00	**4.03**	10.00	**8.04**	**5.80**	**52.64**	" "
7.65	55.00	**60.55**	4.00	**7.58**	2.00	**.26**	**15.40**	**8.56**	" "
5.46	41.00	**41.51**	6.00	**8.68**	8.00	**6.90**	**5.02**	**32.43**	" "
.....	25.00	**24.57**	trace	.....	.....	.....	**26.40**	.....	" "
.....	12.50	**14.22**	trace	.....	.....	.....	**15.80**	.....	" "
.....	30.00	**34.58**	.50	**x .74**	.....	.....	**8.15**	.....	" "
6.17	41.00	**41.42**	5.00	**5.19**	13.00	**11.70**	**6.36**	**29.16**	" " E.
6.79	50.00	**52.74**	6.00	**10.81**	3.00	**2.33**	**24.35**	**2.98**	" "
6.49	50.00	**50.02**	6.00	**11.43**	3.00	**2.56**	**28.50**	**1.00**	" "
6.75	60.00	**63.80**	5.00	**8.25**	3.00	**3.14**	**13.85**	**4.21**	" "

A—Ingredients on sack differ from license—unable to detect Linseed Oil Meal and Peanut Meal.
B—Also detected Corn Gluten Feed.
C—Ingredients on sack differ from license—unable to detect Linseed Oil Meal.
D—Ingredients on sack differ from license.
E—Fibre guarantee on sack differs from license.
x—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
Taneytown Grain & Supply Co., Taneytown, Md.		
Taney Laying Mash	Taneytown	9.4
Taney Pig and Hog Feed	Taneytown	9.1
Tennant & Hoyt Co., Lake City, Minn.		
‡Pure Bran	Westminster	8.5
Texas Star Flour Mills, Galveston, Texas		
*Wheat Gray Shorts	Baltimore	10.5
Thomas & Company, Frederick, Md.		
*Excelsior Dairy Feed	Gaithersburg	10.2
Economy Dairy Feed	Gaithersburg	10.4
"Makan-Eg" Egg Mash	Gaithersburg	10.5
"Gro-Quick" Growing Mash	Gaithersburg	10.0
Thomas Supply Co., Adamstown, Md.		
24% Mormilk Dairy Feed	Adamstown	8.0
*Thomas 24% Dairy Feed	Adamstown	8.0
*16% Milkmaker Dairy Feed	Adamstown	10.5
*Thomas 16% Dairy Feed	Adamstown	8.5
Thomas Laying Mash	Adamstown	9.0
Thurmont Milling & Supply Association, Cooperative, Inc., Thurmont, Md.		
*Thurmont 16% Dairy Feed	Thurmont	10.
Thurmont Laying Mash	Thurmont	9.
Thurmont Growing Mash	Thurmont	9.
Thurmont Hog Meal	Thurmont	8.
Tioga Mills, Inc., Waverly, N. Y.		
Red Brand Tioga Dairy Feed	Elk Mills	8.
Derby 20% Dairy Feed	Elk Mills	8.
E-Gee 20% Dairy Feed	Elk Mills	8.
Tasty Laying Food, with Cod Liver Oil	Elk Mills	9.
‡Tioga Starter and Grower	Elk Mills	9.
Or-Co Feed	Elk Mills	9.
Jacob Trinley & Sons, Linfield, Pa.		
Favorite Laying Mash	Baltimore	8.
Real Fattening Mash, with BM.	Baltimore	9.
Mixing Special	Baltimore	10.
Favorite Scratch Grains	Baltimore	10.
Tull Brothers, Seaford, Del.		
Tull's Best Layer		8.
The Ubiko Milling Co., Cincinnati, Ohio		
Fourex Corn Distillers' Dried Grains	Walkersville	7
32% Sweet Union Grains Dairy Ration	Walkersville	8
24% Sunbeam Dairy Ration	Sudlersville	9

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.46	18.00	**19.66**	4.50	**5.28**	6.75	**6.47**	**9.90**	**49.23**	As declared on sack.
9.19	18.00	**20.89**	4.25	**4.26**	6.75	**7.45**	**6.87**	**51.34**	" "
8.57	16.00	**17.90**	4.00	**4.34**	11.00	**10.72**	**6.50**	**51.97**	" "
10.53	17.50	**18.08**	4.25	**3.68**	6.00	**5.47**	**3.60**	**58.64**	" "
10.26	24.00	**26.50**	5.00	**4.25**	9.00	**7.85**	**5.50**	**45.64**	A.
10.41	20.00	**21.67**	4.50	**4.84**	9.00	**9.35**	**5.20**	**48.53**	As declared on sack.
10.35	20.00	**21.15**	5.00	**5.40**	9.00	**6.26**	**8.10**	**48.74**	" "
10.05	18.00	**19.66**	4.50	**4.54**	9.00	**6.51**	**7.80**	**51.44**	A.
8.64	24.00	**23.57**	5.00	**4.62**	12.00	**11.89**	**9.26**	**42.02**	B.
8.01	24.00	**25.18**	4.00	**3.10**	12.00	**11.81**	**7.39**	**44.51**	As declared on sack.
10.28	16.00	**16.40**	3.60	**2.74**	12.50	**15.41**	**9.43**	**45.74**	" "
8.56	16.00	**18.16**	4.00	**2.93**	12.00	**10.00**	**7.76**	**52.59**	" "
9.09	20.00	**20.01**	4.00	**5.72**	8.00	**6.44**	**11.55**	**47.19**	" "
10.32	16.00	**17.54**	3.00	**2.35**	14.00	**14.17**	**7.29**	**48.33**	" "
9.83	20.00	**19.80**	4.00	**5.01**	9.00	**5.21**	**7.82**	**52.33**	" "
9.65	16.00	**15.97**	4.00	**4.55**	7.00	**4.95**	**7.48**	**57.40**	" "
8.37	16.50	**17.11**	4.50	**4.19**	5.50	**4.51**	**6.90**	**58.92**	" "
8.19	24.00	**25.52**	4.50	**5.01**	10.00	**9.30**	**7.59**	**44.39**	" "
8.05	20.00	**21.11**	3.50	**3.71**	12.00	**12.14**	**8.91**	**46.08**	" "
8.28	20.00	**22.40**	3.50	**3.75**	10.00	**9.28**	**7.90**	**48.39**	" "
9.14	20.00	**21.59**	4.00	**5.47**	7.50	**.6.59**	**9.75**	**47.46**	" "
9.51	16.50	**21.15**	4.00	**4.31**	7.50	**6.82**	**9.00**	**49.21**	" "
9.09	18.00	**19.65**	2.50	**3.38**	12.00	**10.73**	**8.15**	**49.00**	" "
8.54	18.00	**20.29**	4.00	**4.99**	8.00	**.8.63**	**7.65**	**49.90**	" "
9.19	14.00	**19.48**	4.50	**5.97**	6.00	**5.23**	**5.00**	**55.13**	" "
10.88	3.00	**3.55**	1.00	**1.24**	15.00	**13.53**	**7.36**	**63.44**	" "
10.15	9.00	**11.85**	2.00	**3.22**	5.00	**2.89**	**1.80**	**70.09**	" "
8.39	20.00	**20.01**	5.00	**5.27**	8.00	**5.16**	**11.75**	**49.42**	" "
7.60	28.00	**28.08**	7.00	**7.08**	14.00	**13.90**	**3.30**	**40.04**	" "
8.27	32.00	**33.13**	4.00	**3.56**	10.00	**7.04**	**9.22**	**38.78**	" "
9.27	24.00	**25.24**	3.50	**4.39**	12.00	**9.79**	**12.33**	**38.98**	" "

A—Ingredients on sack differ from license.
B—Also detected Malt Sprouts.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
The Ubiko Milling Co., Cincinnati, Ohio (Continued)	
20% Sunbeam Dairy Ration	Sudlersville
Ubiko Mash Balancer	Walkersville
Clover Bloom Sweet 16% Feed	Sudlersville
Ultra-Life Laboratories, Inc., East St. Louis, Ill.	
Ultra-Life	Cardiff
Union Supply & Milling Corp., Burbank, Calif.	
Sunshine Brand Alfalfa Leaf Meal	Princess Anne
United Mills Co., Kansas City, Kan.	
U. M. C. Wheat Bran (Pure)	Pocomoke City
Universal By-Products Co., San Francisco, Calif.	
*Universal Dried Whey	Snow Hill
Pure Dried Whey	Princess Anne
The Van Iderstine Co., Long Island City, N. Y.	
Vico High Protein Meat Scraps for Poultry	Westminster
Vico Quality Meat and Bone Scraps for Poultry	Westminster
Vico Quality Meat and Bone Scraps for Poultry	Mt. Airy
Vienna Flour & Feed Mill, Vienna, Md.	
Wayne Local Mix Laying Mash	Vienna
Wayne Local Mix Growing Mash	Vienna
Virginia-Maryland Dairy Feeders Co., Inc., Baltimore, Md.	
Dried Brewers' Grains	Hagerstown
Hiram Walker & Sons, Inc., Peoria, Ill.	
Corn Distillers' Dried Grains	Hagerstown
Ward Dry Milk Co., St. Paul, Minn.	
*Ward's Pure Dried Skim Milk	Pocomoke City
Warner Brothers, Lineboro, Md.	
Warner's 20% Laying Mash	Lineboro
Line Egg Mash	Lineboro
C. B. Watkins & Co., Baltimore, Md.	
Foxhall Hog Feed	Baltimore
Weigel Brothers, Oxford, Pa.	
Pure Soft Winter Wheat Bran	Colora
*Pure Soft Winter Wheat Middlings	Colora
Westover Mills, Westover, Md.	
Perfection Laying Mash	Westover

* Deficient in protein or fat.

Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
10.66	20.00	21.95	3.00	4.79	12.00	8.84	12.00	41.76	As declared on sack.
7.88	32.00	31.59	4.00	5.12	7.00	7.03	17.00	31.38	" "
11.65	16.00	15.98	3.00	4.14	15.00	12.45	12.24	43.54	" "
10.81	19.50	22.36	4.50	6.72	4.50	3.69	7.25	49.17	" "
9.99	20.00	20.53	3.00	2.92	18.00	18.33	10.70	37.53	" "
11.09	14.50	13.78	3.75	4.45	10.00	10.75	6.75	53.18	" "
.....	13.00	11.50	.50	x1.35	.....	.....	11.30	.....	" "
.....	12.00	12.55	.50	x .79	.....	.....	11.05	.....	" "
8.03	55.00	56.77	5.00	6.68	3.00	2.60	25.00	.92	" "
7.38	50.00	50.20	5.00	6.56	3.00	2.06	33.75	.05	" "
7.40	50.00	49.75	5.00	7.49	3.00	2.31	31.30	1.75	" "
9.50	18.00	18.95	3.50	4.43	7.00	6.58	7.35	53.19	" "
9.67	16.00	17.20	4.00	4.28	6.00	7.09	6.50	55.26	" "
8.61	26.00	26.06	6.00	6.21	15.00	14.79	3.20	41.13	" "
9.58	28.00	29.84	6.00	6.35	13.00	8.18	4.75	41.30	" "
.....	32.00	28.43	1.00	x1.37	.....	.....	8.00	.....	" "
9.91	20.00	19.93	4.50	4.71	6.75	5.21	9.64	50.60	A.
8.48	18.00	19.74	4.00	4.80	8.00	7.09	9.35	50.54	As declared on sack.
8.04	15.25	18.78	2.98	5.09	7.33	8.75	7.50	51.84	" "
9.99	14.00	14.39	3.00	4.19	12.00	7.30	5.70	58.43	B.
8.45	14.00	12.99	4.00	3.36	8.00	2.30	2.75	70.15	As declared on sack.
8.37	20.00	20.97	4.00	5.78	8.00	9.63	11.05	44.20	" "

x—Fat as determined by the Roese-Gottlieb Method.
A—Ingredients on sack differ from license.
B—Detected 10.70% Screenings.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
The Wheatena Corporation, Highspire Flour Mills Division, Highspire, Pa.		
Pure Winter Wheat Bran	Sudlersville	9.4
Pure Wheat Middlings	Sudlersville	9.5
Wilbur-Ellis Co., San Francisco, Calif.		
Lighthouse Brand 65% Protein Fish Meal	Princess Anne	5.9
Wilkins Rogers Milling Co., Inc., Washington, D. C.		
Grassy Mead 26% Dairy Feed	Monrovia	8.1
*Big Five Dairy Feed	Baltimore	8.7
*Maryland University 1928 Contest Egg Mash	Annapolis	10.8
Washington Egg Mash, with Cod Liver Oil	Upper Marlboro	10.8
Washington Growing Mash (Plain)	Annapolis	10.6
Washington Growing Mash, with Cod Liver Oil	Annapolis	11.2
Red Raven 85%Horse Feed	Baltimore	9.0
Grassy Mead 21% Hog Feed	Clinton	9.4
Grassy Mead Calf Meal	Upper Marlboro	8.7
Washington Turkey Mash	Upper Marlboro	12.1
The Williams Brothers Co., Kent, Ohio		
Pure Ohio Wheat Bran	Middleburg	9.3
Fancy Winter Wheat Middlings	Middleburg	12.3
Williams Feed Co., Milford, Del.		
Henlopen Laying Mash		8.7
*Simpson's No. 3 Mineral Buttermilk Laying Mash		9.0
Simpson's No. 2 Minera! Buttermilk Chick Grower		7.3

* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.42	12.50	13.51	2.75	3.76	11.00	8.78	5.50	59.03	As declared on sack.
9.58	13.00	12.99	2.50	2.71	5.50	2.75	1.90	70.07	" "
5.95	65.00	68.62	4.00	3.57	1.00	.35	16.55	4.96	" "
8.19	26.00	25.89	5.00	5.60	9.00	6.38	7.25	46.69	" "
8.78	20.00	20.36	5.00	4.17	12.00	8.08	5.30	53.31	A.
10.85	20.00	20.18	5.00	5.50	7.00	6.71	9.40	47.36	As declared on sack.
10.83	22.00	25.18	5.00	6.01	8.00	.6.25	12.60	39.13	" "
10.64	17.00	19.57	5.00	5.00	6.00	6.33	6.80	51.66	B.
11.23	17.00	18.60	5.00	5.03	6.00	6.84	7.75	50.55	B.
9.00	8.00	9.91	3.00	3.19	10.00	7.37	3.32	67.21	As declared on sack.
9.45	21.00	22.73	6.00	4.56	7.00	7.12	7.65	48.49	" "
8.75	22.00	22.55	4.50	5.18	6.00	5.59	7.15	50.78	" "
12.14	18.00	18.95	5.00	5.61	5.00	5.73	6.75	50.82	" "
9.36	14.00	15.53	3.00	3.96	12.00	10.64	6.77	53.74	" "
12.39	14.00	15.18	3.50	4.74	9.50	6.23	3.50	57.96	" "
8.71	17.00	17.99	4.00	4.79	9.00	8.86	8.30	51.35	" "
9.08	20.00	18.95	5.00	4.76	7.00	7.13	10.15	49.93	" "
7.36	16.00	16.06	4.00	4.44	6.00	7.45	7.85	56.85	" "

A—Ingredients on sack differ from license. Also detected Ground Corn.
B—Feeding Oat Meal declared Ground Oats present.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
DOG FEED	
Arcady Farms Milling Co., Chicago, Ill.	
‡Arcady Dog Ration	Ellicott City
Armour & Company, Chicago, Ill.	
Armour's Dog Food	Hagerstown
The Beacon Milling Co., Inc., Cayuga, N. Y.	
Beacon Dog Pellets	Princess Anne
H. H. Borchers & Sons, Baltimore, Md.	
Mel-Rah	Baltimore
Chesapeake Company, Chestertown, Md.	
Chesapeake Dog Feed	Chestertown
Daily Packing Co., Chicago, Ill.	
Daily Dog Food	Baltimore
The Derwood Mill, Derwood, Md.	
Derwood Dog Food	Derwood
Frederick City Packing Co., Frederick, Md.	
Real Friend Brand Dog and Cat Food	Baltimore
Gaines Food Co., Sherburne, N. Y.	
Gaines Meat and Milk Meal Cooked	Hagerstown
Hales & Hunter Co., Chicago, Ill.	
*Lucky Dog Pellets	Cumberland
Lucky Dog Pellets	Annapolis
Kasco Mills, Inc., Waverly, N. Y.	
Kasco Complete Dog Ration	Baltimore
‡Kasco Dog Food (Cubed)	Oakland
Kingan & Co., Inc., Indianapolis, Ind.	
"Kinco" Dog Food	Laurel
Lardan Packing Co., Inc., Ozone Park, N. Y.	
Omar	Baltimore
Maritime Milling Co., Inc., Buffalo, N. Y.	
Hunt Club Dog Food	Baltimore
National Coast Products Corp., Swedesboro, N. J.	
Blue Plate Brand	Annapolis

‡ Sampled before registration.
* Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.70	25.00	28.26	3.00	5.30	4.00	3.75	12.87	39.12	
71.88	12.00	12.52	3.50	3.69	1.00	.80	1.31	9.80	
9.71	24.00	24.75	3.00	3.57	5.00	2.03	9.65	50.29	
73.10	10.50	12.88	3.00	3.73	1.00	.81	1.15	8.33	
4.89	22.00	30.89	5.00	9.04	6.50	3.88	16.45	34.85	
69.99	12.00	12.76	3.00	2.59	1.50	1.22	4.71	8.73	A.
7.21	25.00	25.62	4.00	4.79	4.00	3.77	14.05	44.56	
71.15	7.25	8.63	1.00	1.12	1.50	1.22	2.55	15.33	B.
10.94	23.00	27.12	3.00	4.09	4.00	3.42	15.10	39.33	
8.32	24.00	22.99	4.00	4.52	6.00	2.51	6.70	54.96	C.
11.29	24.00	24.13	4.00	4.69	6.00	4.60	4.95	50.34	C.
9.07	22.00	26.15	4.00	4.72	4.00	3.29	11.50	45.27	
8.44	22.00	21.41	3.00	4.41	5.00	3.13	8.65	53.96	
67.64	10.00	9.99	2.50	2.93	1.00	.83	6.18	12.43	
74.07	6.55	5.75	1.50	1.45	.40	1.27	.94	16.52	
6.93	25.00	25.62	3.50	5.36	4.00	2.83	8.10	51.16	
72.44	11.00	10.64	2.00	3.80	2.00	1.01	3.44	8.67	C.

A—Fat and Fibre guarantee and ingredients on can differ from license.
B—Protein and Fat guarantee on can differ from license.
C—Ingredients on package differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	Moisture
Pratt Food Co., Buffalo, N. Y.		
‡Pratt's Kibbies	Ellicott City	8.26
Ralston Purina Co., St. Louis, Mo.		
Purina Kennel Dog Chow	Hyattsville	9.26
Rex Dog Food Products Co. Registered by Atlas Canning Co., Inc., Glendale, N. Y.		
Rex Dog Food	Baltimore	75.51
Schlesser Brothers, Portland, Oregon		
Man-Kind	Hagerstown	72.05
Security Food Co., Minneapolis, Minn.		
Security Food Compound	Barnesville	7.65
Sturdy Dog Food Co., Inc., Syracuse, N. Y.		
Sturdy Dog and Puppy Food (Granular Meal)	Reisterstown	8.75
The Thorobread Co., Cincinnati, Ohio		
ThoroBread Dog and Puppy Food	Frostburg	8.60
ThoroBread M. C. Dog Food	Pocomoke City	8.80
Vimpep Foods, Inc., Cambridge, Md.		
My Dog	Bladensburg	67.30
Nice Kitty	Hyattsville	69.13
Wilson & Co., Inc., Chicago, Ill.		
Ideal Dog Food	Baltimore	71.75

‡ Sampled before registration.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.26	22.00	**22.03**	3.00	**6.05**	5.00	**3.46**	**8.75**	**51.45**	
9.26	23.00	**26.68**	4.00	**6.65**	6.00	**4.85**	**6.27**	**46.29**	
75.51	7.00	**7.40**	2.10	**.71**	.63	**1.50**	**1.49**	**13.39**	A.
72.05	10.00	**10.26**	3.00	**3.57**	.75	**1.18**	**2.55**	**10.39**	
7.65	9.80	**19.66**	4.50	**4.11**	4.00	**1.92**	**5.30**	**61.36**	
8.73	20.00	**24.39**	2.50	**3.58**	5.00	**2.68**	**13.70**	**46.92**	
8.60	17.50	**17.11**	3.25	**4.48**	3.20	**3.35**	**9.50**	**56.96**	
8.80	24.00	**25.80**	3.00	**3.71**	5.00	**3.93**	**15.30**	**42.46**	
67.30	7.00	**9.67**	2.00	**3.74**	1.00	**.75**	**3.80**	**14.74**	B.
69.15	7.00	**9.37**	2.00	**4.13**	1.00	**.64**	**3.36**	**13.35**	
71.79	10.00	**10.30**	2.00	**3.52**	1.00	**.92**	**2.00**	**11.47**	

A—Protein guarantee on can differs from license.
B—Ingredients on can differs from license.

LIME ANALYSES

A detailed report of the results obtained in the inspection and analyses of agricultural liming materials from July 1, 1937 to January 1, 1938, is contained in pages .. to .. inclusive. Limes are considered seriously deficient with respect to chemical analyses when they are one per cent or more deficient in total oxides.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO+MgO		Carbonates CaCO3		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	S. W. Barrick & Sons, Inc., Woodsboro, Md.										
3874	Barrick's Agric. Lump Lime	Woodsboro	85.00	**91.65**	2.00	**1.24**	87.00	**92.89**	.....	**8.36**	**.59**
*3904	†Barrick's High Grade Agric. Lime	Woodsboro	75.00	**66.83**	2.00	**2.28**	77.00	**69.11**	3.00	**13.25**	**11.92**
	Blair Limestone Co., Martinsburg, W. Va.										
3847	†Shenandoah Special Ground Burned Lime	Mt. Airy	45.00	**46.05**	30.00	**29.42**	75.00	**75.47**	15.00	**5.75**	**6.49**
	L. Frank Carbaugh, Hagerstown, Md.										
3849	Lump Lime	Cearfoss	80.00	**84.85**	2.00	**2.79**	82.00	**87.64**	.....	**2.52**	**2.85**
*3848	†Ground Burned Lime	Cearfoss	75.00	**66.90**	2.00	**2.59**	77.00	**69.49**	.....	**12.75**	**3.90**
	The Cavetown Planing Mill Co., Cavetown, Md.										
3850	Lump Lime	Cavetown	80.00	**93.50**	2.00	**2.18**	82.00	**95.68**	.....	**2.02**	**.50**
*3851	†Ground Lime	Cavetown	80.00	**66.75**	2.00	**9.72**	82.00	**76.47**	.....	**8.27**	**2.61**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.										
3852	Famous Frederick County Agric. Lime-Lump	Frederick	86.00	**75.25**	4.00	**23.40**	90.00	**98.65**	.....	**.88**	**.35**
3853	†Famous Frederick County Ground Lime	Frederick	75.00	**78.30**	5.00	**10.31**	80.00	**88.61**	.....	**6.11**	**2.29**
	The Leesburg Lime & Fuel Corp., Leesburg, Va.										
3888	Farmers Favorite Lime	.....	50.00	**52.35**	8.00	**11.16**	58.00	**63.51**	.....	**9.72**	**23.07**
	Everett V. Moser, Middletown, Md.										
3880	Lump Lime	Middletown	85.00	**79.20**	10.00	**19.28**	95.00	**98.48**	.....	**1.68**	**.43**
	Edward Savage, Friendsville, Md.										
*3883	†Agric. Ground Burned Lime	Friendsville	68.00	**51.50**	2.00	**1.57**	70.00	**53.07**	.....	**12.02**	**23.87**
	Stanley Schethompf, Clear Spring, Md.										
3861	Lump Lime	Clear Spring	80.00	**85.50**	4.00	**4.17**	84.00	**89.67**	.....	**2.29**	**1.62**

*3883	†Agric. Ground Burned Lime	Friendsville	68.00	51.50	2.00	1.57	70.00	53.07		12.52	23.87
	Stanley Schethompf, Clear Spring, Md.										
3861	Lump Lime	Clear Spring	80.00	85.50	4.00	4.17	84.00	89.67		2.29	1.62
	Shank & Etzler Lime Co., Frederick, Md.										
3858	Agric. Lump Lime	Frederick	60.00	82.00	30.00	15.65	90.00	97.65		1.70	.20
3927	†Agric. Ground Burned Lime	Frederick	55.00	53.95	25.00	29.78	80.00	83.73	1.00	9.91	8.94
*3896	†Agric. Ground Burned Lime	Frederick	55.00	51.40	25.00	25.41	80.00	76.81	1.00	12.95	11.40
	Spencer Lime Co., Accident, Md.										
*3884	Burnt Lump Limestone	Accident	76.45	39.60	1.63	1.89	78.08	41.49		3.77	36.64
	The Standard Lime & Stone Co., Baltimore, Md.										
3893	†Agric. Ground Lime	Brunswick	91.00	94.35	1.00	1.43	92.00	95.78	2.50	2.52	1.48
	Stoner & Powell, Woodsboro, Md.										
3902	Old Reliable Fountain Rock Lump Lime	Woodsboro	85.00	86.10	2.00	1.65	87.00	87.75		3.22	5.62
*3905	†Old Reliable Fountain Rock Ground Lime	Fountain Rock	70.00	65.40	5.00	5.72	75.00	71.12		8.63	12.11
	Warner Co., Philadelphia, Pa.										
3835	†Warner Ground Burned Lime	Centreville	56.00	55.05	37.00	38.32	93.00	93.37	3.00	1.00	1.33

* Product deficient in total oxides.
† Mechanical analysis of Ground Burnt Lime, see page 11.

ANALYSES OF AGRICULTURAL HYDRATED LIME

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO+MgO		Carbonates CaCO3		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	American Lime & Stone Co., Bellefonte, Pa.										
3863	†Bell Mine Hydrate	Elkton	69.30	**73.25**	.70	**1.04**	70.00	**74.29**			**.30**
	S. W. Barrick & Sons., Inc., Woodsboro, Md.										
*3910	†Barrick's Hydrated Lime	Princess Anne	65.00	**60.80**	2.00	**2.31**	67.00	**63.11**			**5.80**
*3908	†Barrick's Hydrated Lime	Snow Hill	65.00	**57.10**	2.00	**2.61**	67.00	**59.71**			**8.65**
*3903	†Barrick's Hydrated Lime	Woodsboro	65.00	**61.60**	2.00	**2.46**	67.00	**64.06**			**5.40**
*3873	†Barrick's Hydrated Lime	Woodsboro	65.00	**62.00**	2.00	**2.64**	67.00	**64.64**			**6.26**
*3841	†Barrick's Hydrated Lime	Snow Hill	65.00	**53.30**	2.00	**4.17**	67.00	**57.47**			**12.27**
	Chester Valley Lime Co., Paoli, Pa.										
3842	†Chester Valley Hydrated Lime	Salisbury	46.50	**46.20**	31.00	**30.84**	77.50	**77.04**			**1.74**
	G. & W. H. Corson, Plymouth Meeting, Pa.										
3843	†Corson's High Magnesium Hydrate	Snow Hill	46.50	**46.55**	31.00	**31.26**	77.50	**77.81**			**.76**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.										
3866	Famous Frederick County Hydrated Lime	Bel Air	65.00	**66.15**	5.00	**6.17**	70.00	**72.32**			**2.39**
3854	†Famous Frederick County Hydrated Lime	Frederick	65.00	**64.10**	5.00	**6.56**	70.00	**70.66**			**3.33**
	A. H. Hoffman, Inc., Landisville, Pa.										
3897	†Hoffman's Hydrated Lime	Baltimore	70.00	**71.10**	1.50	**1.23**	71.50	**72.33**			**.73**
	Keller Lime Co., Inc., Buckeystown, Md.										
3856	†Keller's Agric. Hydrate	Buckeystown	66.00	**68.40**	1.50	**2.38**	67.50	**70.78**			**2.51**
	Legore Lime Co., Legore, Md.										
3875	†Legore's Hydrated Lime	LeGore	65.00	**65.70**	5.00	**4.34**	70.00	**70.04**			**3.19**
	H. E. Millard, Annville, Pa.										
3901	†Sweet-Arrow Hydrated Lime	Chestertown	70.00	**71.80**	1.00	**.96**	71.00	**72.76**			**.45**

3875	†Legore's Hydrated Lime	LeGore	65.00	**65.70**	5.00	**4.34**	70.00	**70.04**			**3.19**
	H. E. Millard, Annville, Pa.										
3901	†Sweet-Arrow Hydrated Lime	Chestertown	70.00	**71.80**	1.00	**.96**	71.00	**72.76**			**.45**
	National Gypsum Co., Successors to Universal Gypsum & Lime Co., Buffalo, N. Y.										
3869	†Palmer Hydrated Lime	Colora	70.00	**70.00**	2.00	**2.57**	72.00	**72.57**			**.40**
	New Enterprise Stone & Lime Co., New Enterprise, Pa.										
3881	‡†Fort Bedford Hydrated Lime	Cumberland	70.00	**70.60**	2.50	**2.40**	72.50	**73.00**			**.34**
	North American Cement Corp., New York, N. Y .										
3882	†Berkeley Agric. Hydrate	Hancock	70.00	**71.20**	2.00	**1.69**	72.00	**72.89**			**.14**
3844	†Berkeley Agric. Hydrate	Salisbury	70.00	**71.05**	2.00	**1.84**	72.00	**72.89**			**.19**
	Shank & Etzler Lime Co., Frederick, Md.										
3859	†Agric. Hydrated Lime	Frederick	45.00	**47.05**	20.00	**25.09**	65.00	**72.14**			**6.84**
	The Standard Lime & Stone Co., Baltimore, Md.										
3894	†Standard Agric. Hydrated Lime	Washington Grove	71.00	**71.80**	1.00	**1.99**	72.00	**73.79**			**.61**
3845	†Standard Agric. Hydrated Lime	Salisbury	71.00	**70.80**	1.00	**1.51**	72.00	**72.31**			**1.57**
3919	†Washington Agric. Hydrated Lime	Upper Marlboro	46.50	**46.25**	31.00	**32.55**	77.50	**78.80**			**1.48**
	Steacy & Wilton Co., Wrightsville, Pa.										
3877	†"Sterling" Brand Hydrated Lime	Taneytown	69.00	**70.15**	3.00	**4.75**	72.00	**74.90**			**.47**
3872	†"Sterling" Brand Hydrated Lime	Elkton	69.00	**71.80**	3.00	**2.69**	72.00	**74.49**			**.26**
3833	†"Sterling" Brand Hydrated Lime	Denton	69.00	**70.40**	3.00	**4.83**	72.00	**75.23**			**.33**
	Stoner & Powell, Woodsboro, Md.										
3860	†Old Reliable Fountain Rock Hydrated Lime	Woodsboro	60.00	**62.00**	5.00	**5.30**	65.00	**67.30**			**5.03**
	Warner Co., Philadelphia, Pa.										
3846	†Knickerbocker Hydrated Lime	Hebron	46.50	**46.55**	31.00	**31.88**	77.50	**78.43**			**1.77**
3837	†Warner "Limoid"	Chestertown	46.50	**47.25**	31.00	**33.84**	77.50	**81.09**			**.72**

* Product deficient in total oxides.
† Mechanical analysis of Hydrated Lime, see page 11.
‡ Not licensed at time of sampling.

ANALYSES OF AGRICULTURAL LIMESTONE, MARL & OYSTER SHELLS

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO+MgO		Sand & Insol
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	Walter W. Bowling, Newport, Md.								
3907	†Bowling's Ground Oyster Shell	Newport	51.00	**51.00**	.50	**.57**	51.50	**51.57**	**4.01**
	L. H. Burton, Texas, Md.								
3864	†Dolomite	Texas	27.00	**28.45**	18.00	**18.87**	45.00	**47.32**	**10.11**
	Harry T. Campbell Sons Co., Towson, Md.								
3865	†Campbell's Pulverized Limestone	Texas	30.00	**28.45**	14.00	**20.00**	44.00	**48.45**	**8.36**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.								
3867	†Pulverized Limestone	Bel Air	53.00	**53.95**	.50	**1.04**	53.50	**54.99**	**1.12**
3855	†Pulverized Limestone	Frederick	53.00	**53.90**	.50	**1.13**	53.50	**55.03**	**1.17**
	Landis Stone Meal Co., Rheems, Pa.								
3834	†White Lily	Denton	50.00	**44.95**	2.00	**6.77**	52.00	**51.72**	**6.98**
	H. E. Millard, Annville, Pa.								
3868	†Airfloated Pulverized Limestone	Rising Sun	54.00	**54.00**	.50	**.92**	54.50	**54.92**	**2.20**
	National Gypsum Co., Successors to Universal Gypsum & Lime Co., Buffalo, N. Y.								
3870	†Challenge Brand Pulverized Limestone Flour	Cardiff	51.00	**53.70**	3.00	**1.97**	54.00	**55.67**	**.47**
	Potomac Poultry Food Co., Inc., Balto., Md.								
3912	†Potolime, made for the soil from Baked Oyster Shells	Crisfield	48.00	**48.05**	.50	**.63**	48.50	**48.68**	**9.36**
	Spencer Lime Co., Accident, Md.								
3885	†Raw Pulverized Limestone	Accident	40.25	**42.25**	1.11	**1.24**	41.36	**43.49**	**18.36**

	Baked Oyster Shells	Crisfield	48.00	**48.05**	.50	**.05**	48.50	**48.05**	**0.50**
	Spencer Lime Co., Accident, Md.								
3885	†Raw Pulverized Limestone	Accident	40.25	**42.25**	1.11	**1.24**	41.36	**43.49**	**18.36**
	The Standard Lime & Stone Co., Baltimore, Md.								
3895	†Standard Pulverized Limestone	Brunswick	53.20	**54.90**	.50	**.36**	53.70	**55.26**	**.76**
	Steacy & Wilton Co., Wrightsville, Pa.								
3871	†Pulverized Limestone	Elkton	48.00	**51.35**	1.00	**3.65**	49.00	**55.00**	**1.65**
	Warner Co., Philadelphia, Pa.								
3836	†Warner's Pulverized Limestone	Centreville	30.00	**30.25**	20.00	**21.48**	50.00	**51.73**	**2.11**

† Mechanical analysis of Hydrated Lime, see page 11.

ANALYSES OF GYPSUM OF LAND PLASTER

No.	Manufacturer and Brand	Place Sampled	Calcium Sulphate		Sand & Insoluble	
			Guaranteed	FOUND	Guaranteed	FOUND
3889	**The American Agricultural Chemical Co., Baltimore, Md.** AA. Fine Ground Nova Scotia Land Plaster	Baltimore	77.70	**75.84**	.....	**1.48**
‡3890	**The Baugh & Sons Co., Baltimore, Md.** Pure Ground Land Plaster	Ellicott City	62.00	**77.13**	.....	**1.14**

‡ Not licensed at time of sampling.

MISCELLANEOUS LIMING PRODUCTS

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO+MgO		Carbonates $CaCO_3$		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	Keller Lime Co., Inc., Buckeystown, Md.										
3857	†Refuse or Tailings	Buckeystown	60.00	**63.45**	2.00	**2.89**	62.00	**66.34**	.....	**10.95**	**11.13**
	Keystone Lime Co., Springs, Pa.										
*3879	†Alfalfa Brand Lime	.....	70.00	**67.75**	3.00	**3.36**	73.00	**71.11**	.....	**19.84**	**6.64**
	LeGore Lime Co., LeGore, Md.										
*3876	†LeGore's All-In-One	LeGore	50.00	**49.65**	5.00	**3.89**	55.00	**53.54**	3.00	**48.25**	**12.54**
	The Shore Lime Co., Crumpton, Md.										
3911	Agric. Liming Material	Ingleside	34.00	**39.57**	.....	.....	.....	.....	.....	**‡39.30**	**.20**

* Product deficient in total oxides.
† Mechanical analysis, see page 11.
‡ Moisture.

MECHANICAL ANALYSIS OF GROUND LIMESTONE, GROUND OYSTER SHELLS, GROUND BURNT LIME AND HYDRATED LIME

No.	Manufacturer and Brand	Place Sampled	Finer than 20 Mesh		Finer than 60 Mesh		Finer than 100 Mesh	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
	American Lime & Stone Co., Bellefonte, Pa.							
3863	Bell Mine Hydrate	Elkton	100.	**100.**	99.95	**100.**	99.95	**100.**
	S. W. Barrick & Sons, Inc., Woodsboro, Md.							
3904	Barrick's High Grade Agric. Lime	Woodsboro	95.	**74.**	70.	**55.**	60.	**48.**
3910	Barrick's Hydrated Lime	Princess Anne	100.	**96.**	92.	**91.**	89.	**84.**
3908	Barrick's Hydrated Lime	Snow Hill	100.	**94.**	92.	**84.**	89.	**79.**
3903	Barrick's Hydrated Lime	Woodsboro	100.	**97.**	92.	**90.**	89.	**86.**
3873	Barrick's Hydrated Lime	Woodsboro	100.	**98.**	92.	**90.**	89.	**86.**
3841	Barrick's Hydrated Lime	Snow Hill	100.	**95.**	92.	**85.**	89.	**80.**
	Blair Limestone Co., Martinsburg, W. Va.							
3847	Shenandoah Special Ground Burned Lime	Mt. Airy	100.	**98.**	80.	**81.**	60.	**.63.**
	Walter W. Bowling, Newport, Md.							
3907	Bowling's Ground Oyster Shell	Newport	71.	**71.**	38.	**38.**	28.	**28.**
	L. H. Burton, Texas, Md.							
3864	Dolomite	Texas	87.	**82.**	12.	**32.**	5.	**0.**
	Harry T. Campbell Sons Co., Towson, Md.							
3865	Campbell's Pulverized Limestone	Texas	100.	**100.**	98.	**96.**	80.	**77.**
	L. Frank Carbaugh, Hagerstown, Md.							
3848	‡Ground Burned Lime	Cearfoss	.....	**90.**	.....	**84.**	.....	**81.**
	Cavetown Planing Mill Co., Cavetown, Md.							
3851	Ground Lime	Cavetown	56.	**95.**	42.	**88.**	39.	**84.**

	L. Frank Carbaugh, Hagerstown, Md.							
3848	‡Ground Burned Lime	Cearfoss		**90.**		**84.**		**81.**
	Cavetown Planing Mill Co., Cavetown, Md.							
3851	Ground Lime	Cavetown	56.	**95.**	42.	**88.**	39.	**84.**
	Chester Valley Lime Co., Paoli, Pa.							
3842	Chester Valley Hydrated Lime	Salisbury	100.	**99.**	100.	**97.**	98.	**95.**
	G. & W. H. Corson, Plymouth Meeting, Pa.							
3843	Corson's High Magnesium Hydrate	Snow Hill	99.	**100.**	97.	**97.**	95.	**96.**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.							
3853	Famous Frederick County Ground Lime	Frederick	50.	**80.**	35.	**58.**	25.	**50.**
3866	Famous Frederick County Hydrated Lime	Bel Air	100.	**100.**	99.	**98.**	90.	**93..**
3854	Famous Frederick County Hydrated Lime	Frederick	100.	**100.**	99.	**97.**	90.	**93.**
3867	Pulverized Limestone	Bel Air	100.	**100.**	98.	**94.**	94.	**82.**
3855	Pulverized Limestone	Frederick	100.	**100.**	98.	**95.**	94.	**85.**
	A. H. Hoffman, Inc., Landisville, Pa.							
3897	Hoffman's Hydrated Lime	Baltimore	100.	**100.**	99.25	**100.**	99.	**100.**
	Keller Lime Co., Inc., Buckeystown, Md.							
3856	‡Keller's Agric. Hydrate	Buckeystown	.....	**100.**	.....	**99.**	.....	**98.**
3857	‡Refuse or Tailings	Buckeystown	.....	**55.**	.....	**31.**	.....	**22.**
	Keystone Lime Co., Springs, Pa.							
3879	‡Alfalfa Brand Lime	.....	.....	**55.**	.....	**39.**	.....	**34.**
	Landis Stone Meal Co., Rheems, Pa.							
3834	White Lily	Denton	99.	**95.**	98.	**78.**	80.	**70.**
	LeGore Lime Co., LeGore, Md.							
3875	LeGore's Hydrated Lime	LeGore	100.	**100.**	98.	**96.**	97.	**94.**
3876	LeGore's All-In-One	LeGore	100.	**100.**	96.	**94.**	95.	**83.**
	H. E. Millard, Annville, Pa.							
3901	Sweet-Arrow Hydrated Lime	Chestertown	100.	**100.**	99.25	**100.**	99.	**100.**
3868	Airfloated Pulverized Limestone	Rising Sun	100.	**100.**	100.	**100.**	99.	**.98.**
	National Gypsum Co., Successors to Universal Gypsum & Lime Co., Buffalo, N. Y.							
3869	Palmer Hydrated Lime	Colora	100.	**100.**	98.	**100.**	97.	**98.**
3870	Challenge Brand Pulverized Limestone Flour	Cardiff	100.	**100.**	100.	**100.**	99.	**99.**

‡ No guarantee of fineness shown on sacks.

MECHANICAL ANALYSIS OF GROUND LIMESTONE, GROUND OYSTER SHELLS, GROUND BURNT LIME AND HYDRATED LIME—(Continued)

No.	Manufacturer and Brand	Place Sampled	Finer than 20 Mesh		Finer than 60 Mesh		Finer than 100 Mesh	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
	New Enterprise Stone & Lime Co., New Enterprise, Pa.							
3881	Fort Bedford Hydrated Lime	Cumberland	100.	**100.**	100.	**100.**	99.	**100.**
	North American Cement Corp., New York, N. Y.							
3882	Berkeley Agric. Hydrated	Hancock	100.	**100.**	99.	**100.**	98.90	**100.**
3844	Berkeley Agric. Hydrated	Salisbury	100.	**100.**	99.	**100.**	98.90	**100.**
	Potomac Poultry Food Co., Inc., Baltimore, Md.							
3912	Potolime, made for the Soil, from Baked Oyster Shells	Crisfield	96.	**96.**	52.	**46.**	44.	**29.**
	Edward Savage, Friendsville, Md.							
3883	‡Agric. Ground Burned Lime	Friendsville	.....	**52.**	.....	**39.**	.....	**35.**
	Shank & Etzler Lime Co., Frederick, Md.							
3859	Agric. Hydrated Lime	Frederick	80.	**98.**	60.	**85.**	55.	**76.**
3927	Agric. Ground Burned Lime	Frederick	40.	**78.**	30.	**49.**	20.	**39.**
3896	Agric. Ground Burned Lime	Frederick	40.	**70.**	30.	**46.**	20.	**36.**
	Spencer Lime Co., Accident, Md.							
3885	Raw Pulverized Limestone	Accident	28.	**88.**	12.	**57.**	53.	**46.**
	The Standard Lime & Stone Co., Baltimore, Md.							
3893	Agric. Ground Lime	Brunswick	100.	**100.**	99.90	**100.**	99.75	**98.**
3894	Standard Agric. Hydrated Lime	Wash. Grove	100.	**100.**	99.50	**100.**	95.	**100.**

	The Standard Lime & Stone Co., Baltimore, Md.							
3893	Agric. Ground Lime	Brunswick	100.	**100.**	99.90	**100.**	99.75	**98.**
3894	Standard Agric. Hydrated Lime	Wash. Grove	100.	**100.**	99.50	**100.**	95.	**100.**
3845	Standard Agric. Hydrated Lime	Salisbury	100.	**100.**	99.50	**99.**	95.	**98.**
3919	Washington Agric. Hydrated Lime	Upper Marlboro	99.90	**100.**	98.	**95.**	95.	**91.**
3895	Standard Pulverized Limestone	Brunswick	100.	**100.**	99.90	**100.**	99.75	**100.**
	Steacy & Wilton Co., Wrightsville, Pa.							
3877	"Sterling" Brand Hydrated Lime	Taneytown	100.	**100.**	99.25	**99.**	99.	**98.**
3872	"Sterling" Brand Hydrated Lime	Elkton	100.	**100.**	99.25	**99.**	99.	**98.**
3833	"Sterling" Brand Hydrated Lime	Denton	100.	**100.**	99.25	**99.**	99.	**98.**
3871	Pulverized Limestone	Elkton	100.	**100.**	100.	**100.**	100.	**100.**
	Stoner & Powell, Woodsboro, Md.							
3905	Old Reliable Fountain Rock Ground Lime	Fountain Rock	80.	**76.**	60.	**59.**	40.	**53.**
3860	Old Reliable Fountain Rock Hydrated Lime	Woodsboro	85.	**97.**	75.	**89.**	65.	**84.**
	Warner Co., Philadelphia, Pa.							
3846	Knickerbocker Hydrated Lime	Hebron	100.	**100.**	97.	**99.**	95.	**96.**
3837	Warner's "Limoid"	Chestertown	100.	**100.**	97.	**100.**	95.	**100.**
3835	Warner's Ground Burned Lime	Centreville	65.	**91.**	48.	**67.**	40.	**57.**
3836	Warner's Pulverized Limestone	Centreville	100.	**100.**	100.	**100.**	99.50	**100.**

‡ No guarantee of fineness shown on sacks.